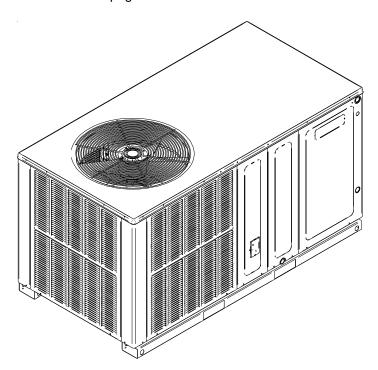


GPC 13 SEER R-410A Package Air Conditioners with R-410A

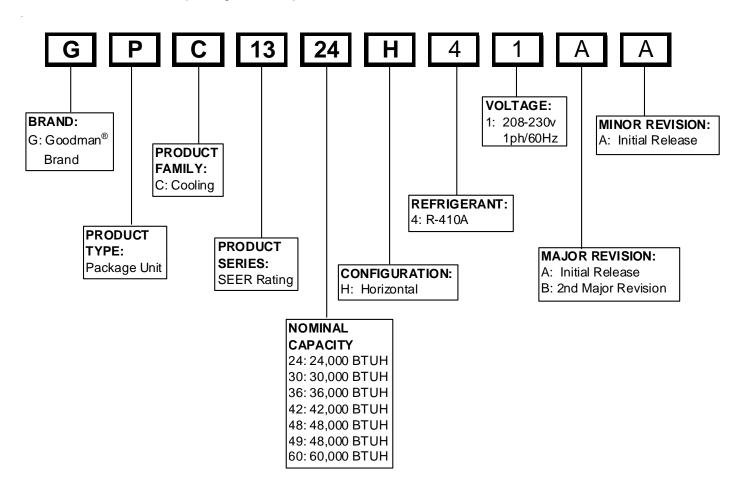
- Refer to Service Manual RS6300011 (Horizontal)
 for installation, operation, and troubleshooting information.
- All safety information must be followed as provided in the Service Manual.
- Refer to the appropriate Parts Catalog for part number information.
- Models listed on page 3.



This manual is to be used by qualified, professionally trained HVAC technicians only. Goodman does not assume any responsibility for property damage or personal injury due to improper service procedures or services performed by an unqualified person.

PRODUCT IDENTIFICATION

The model and manufacturing number are used for positive identification of component parts used in manufacturing. Please use these numbers when requesting service or parts information.





HIGH VOLTAGE!

Disconnect ALL power before servicing or installing this unit. Multiple power sources may be present. Failure to do so may cause property damage, personal injury or death.



WARNING
Goodman will not be responsible for any injury or property damage arising from improper service or service procedures. If you install or perform service on this unit, you assume responsibility for any personal injury or property damage which may result. Many jurisdictions require a license to install or service heating and air conditioning equipment.

WARNING

Installation and repair of this unit should be performed <u>ONLY</u> by individuals meeting (at a minimum)

the requirements of an "entry level technician" as specified by the Air-Conditioning, Heating, and Refrigeration Institute (AHRI). Attempting to install or repair this unit without such background may result in product damage, personal injury or death.

PRODUCT IDENTIFICATION

The model and manufacturing number are used for positive identification of component parts used in manufacturing. Please use these numbers when requesting service or parts information.

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GPC1324H41AA	GPC1324H41AB
GPC1330H41AA	GPC1330H41AB
GPC1336H41AA	GPC1336H41AB
GPC1342H41AA	GPC1342H41AB
	GPC1349H41AA
GPC1348H41BA	GPC1360H41BB
GPC1360H41BA	

5 mm model specific information begins on page 29.



The United States Environmental Protection Agency ("EPA") has issued various regulations regarding the introduction and disposal of refrigerants introduced into this unit. Failure to follow these regulations may harm the environment and can lead to the imposition of substantial fines. These regulations may vary by jurisdiction. Should questions arise, contact your local EPA office.

WARNING

Do not connect or use any device that is not design certified by Goodman for use with this unit.

Serious property damage, personal injury, reduced unit performance and/or hazardous conditions may result from the use of such non-approved devices. to prevent the risk of property damage, personal injury, or death, do not store combustible materials or use gasoline or other flammable liquids or vapors in the vicinity of this appliance.

PRODUCT DESIGN

GPC Package Cooling Units are designed for outdoor installations only in either residential or light commercial applications.

The connecting ductwork (Supply and Return) can be connected for either horizontal or vertical airflow. In the vertical application a matching Roof Curb is recommended.

A return air filter must be installed behind the return air grille(s) or provision must be made for a filter in an accessible location within the return air duct. The minimum filter area should not be less than those sizes listed in the Specification Section. Under no circumstances should the unit be operated without return air filters.

A 3/4" PVC pipe is provided for removal of condensate water from the indoor coil In order to provide proper condensate flow, a drain trap is supplied and shipped loose inside the unit for field installation. (Do not reduce the drain line size.)

Refrigerant flow control is achieved by use of restrictor orifices. GPC units use the FasTest Access Fitting System with a saddle that is either soldered to the suction and liquid lines or is fastened with a locking nut to the access fitting box (core) and then screwed into the saddle. **Do not remove the core from the saddle until the refrigerant charge has been removed. Failure to do so could result in property damage or personal injury.**

The single phase units use permanent split capacitor (PSC) design compressors. Starting components are therefore not required for these units. A low microfarad run capacitor assists the compressor to start and remains in the circuit during operation.

The outdoor fan and indoor blower motors are single phase capacitor type motors with the exception of the GPC1360H41* units which have X-13 indoor blower motors that are energized by a 24V signal from the thermostat and are constant torque motors with very low power consumption. The X-13 features an integral control module.

Air for condensing (cooling cycle) is drawn through the outdoor coil by a propeller fan, and is discharged vertically out the top of the unit. The outdoor coil is designed for .0 static. No additional restriction (ductwork) shall be applied.

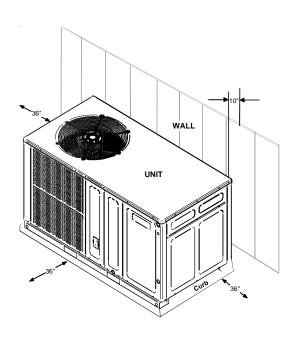
Conditioned air is drawn through the filter(s), field installed, across the coil and back into the conditioned space by the indoor blower.

GPC1324-30H41* use Copeland Reciprocating Compressors.

- Due to their design Scroll Compressors are inherently more tolerant of liquid refrigerant. NOTE: Even though the compressor section of a Scroll compressor is more tolerant of liquid refrigerant, continued floodback or flooded start conditions may wash oil from the bearing surfaces causing premature bearing failure.
- Scroll Compressors use white oil which is compatible with 3GS oil which may be used if additional oil is required.
- Operating pressures and amp draws may differ from standard reciprocating compressors. This information may be found in the "Cooling Performance Data" section.

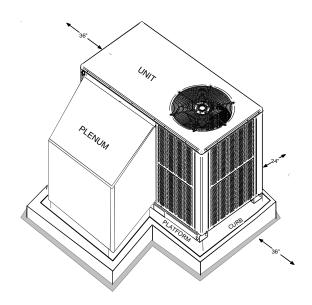
Location and Clearances

NOTE: To ensure proper condensate drainage, unit must be installed in a level position.



Outside Slab Installation - Horizontal (H)

Minimum clearances are required to avoid air recirculation and keep the unit operating at peak efficiency.



Rooftop Installation - Horizontal (H)

PRODUCT DESIGN

In installations where the unit is installed above ground level and not serviceable from the ground (Example: Roof Top installations), the installer must provide service platform for service person with rails or guards in accordance with local codes or ordinances or in their absence with the latest edition of the Uniform Mechanical Code Section 305.

NOTE: Unit can also use roof curb.

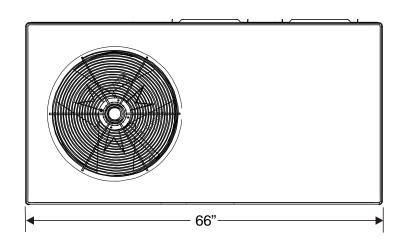
Refer to Roof Curb Installation Instructions for proper curb installation. Curbing must be installed in compliance with the National Roofing Contractors Association Manual.

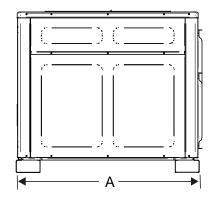


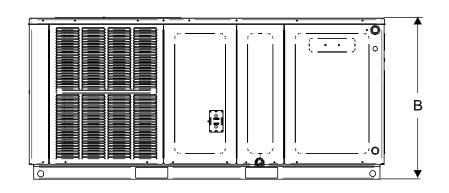
TO PREVENT POSSIBLE PROPERTY DAMAGE, THE UNIT SHOULD REMAIN IN AN UPRIGHT POSITION DURING ALL RIGGING AND MOVING OPERATIONS. TO FACILITATE LIFTING AND MOVING IF A CRANE IS USED, PLACE THE UNIT IN AN ADEQUATE CABLE SLING.

PRODUCT DIMENSIONS

GPC13[24-60]H41**







Chassis	Model	Α	В
Small	GPC1324	33	30½
Oman	GPC1330	33	30½
	GPC1336	33	35½
Medium	GPC1342	33	35½
	GPC1349	33	35½
Large	GPC1348	33	38½
	GPC1360	33	38½

Dimensions in inches

GPC13[24-60]H41**

ACCESSORIES

Part Number	Description
OT18-60 A	Outdoor Thermostat Kit w/Lockout Stat
OT/EHR18-60	Emergency Heat Relay Kit
HKR	Electric Heat Kit
PCCP101-103	Roof Curb
PCP101-103	Downflow Plenum Kit
PCP101-103R8	Downflow Plenum Kit w/ R-8 Insulation
GPCED101-103	Downflow Economizer for GPC-(H) A/C - To Be Used With PCP101-103
GPHED101-103	Downflow Economizer for GPH-(H) Heat Pump - To Be Used With PCP101-103
GPCEH101-103	Horizontal Economizer for GPC-(H) A/C
GPHEH101-103	Horizontal Economizer for GPH-(H) Heat Pump
PCMD101-103	Manual Damper - To Be Used With PCP101-103
PCMDM101-103	Motorized Damper - To Be Used With PCP101-103
GPHMD101-103	Manual Damper for Horizontal Applications
SQRPCH101	Square to Round Adapters 16"&14"
SQRPCH102-103	Square to Round Adapters 18"&14"
SQRPC101	Square to Round Adapter - For Use With PCCP101-103 Curb 16" Rounds
SQRPC102-103	Square to Round Adapter For Use With PCCP101-103 Curb 18" Rounds
PCFR101-103	External Horizontal Filter Rack
PCEF101-103	Elbow & Flashing w/ R-8 Liner
CDK36	Flush Mount Concentric Duct Kit
CDK36515	Flush Mount Concentric Duct Kit w/ Filter
CDK36530	Step Down Concentric Duct Kit
CDK36535	Step Down Concentric Duct Kit w/ Filter
CDK4872	Flush Mount Concentric Duct Kit
CDK4872515	Flush Mount Concentric Duct Kit w/ Filter
CDK4872530	Step Down Concentric Duct Kit
CDK4872535	Step Down Concentric Duct Kit w/ Filter

PRODUCT DESIGN

GPC13[24-60]H41**

ELECTRICAL DATA (*Blower Only, Heat Mode)

	Cir	rcuit #1	Ci	rcuit #2	
Model and Heat Kit Usage	Minimum Circuit Ampacity at 208 / 240V	Maximum Overcurrent Protection (amps) at 208 / 240V	Minimum Circuit Ampacity at 208 / 240V	Maximum Overcurrent Protection (amps) at 208 / 240V	Actual kW & BTU at 240V
GPC1324H41*					
HKR05*,C*	24 / 27	30/30			4.75 / 16,200
HKR08*,C*	33 / 38	40 / 40			7.0 / 23,800
HKR10*,C*	45 / 51	60 / 60			9.5 / 32,400
GPC1330H41*	2.4 / 2.4				
HKR05*,C*	24 / 27	30/30			4.75 / 16,200
HKR08*,C*	34 / 39	40 / 40			7.0 / 23,800
HKR10*,C*	45 / 52	60/60			9.5 / 32,400
HKR15*,C*	45 / 52	60/60	22 / 25	30 / 30	14.25 / 48,600
GPC1336H41*					
HKR05*,C*	24 / 27	30/30			4.75 / 16,200
HKR08*,C*	34 / 39	40 / 40			7.0 / 23,800
HKR10*,C*	45 / 52	60/60			9.5 / 32,400
HKR15*,C*	45 / 52	60/60	22 / 25	30 / 30	14.25 / 48,600
GPC1342H41*					
HKR05*,C*	25 / 27	30/30			4.75 / 16,200
HKR08*,C*	34 / 39	40 / 40			7.0 / 23,800
HKR10*,C*	46 / 52	60/60			9.5 / 32,400
HKR15*,C*	46 / 52	60/60	22 / 25	30 / 30	14.25 / 48,600
HKR20*,C*	46 / 52	60/60	43 / 49	60 / 60	19.5 / 66,500
GPC1348H41*					
HKR05*,C*	25 / 28	30/30			4.75 / 16,200
HKR08*,C*	34 / 40	40 / 40			7.0 / 23,800
HKR10*,C*	46 / 53	60/60			9.5 / 32,400
HKR15*,C*	46 / 52	60/60	22 / 25	30 / 30	14.25 / 48,600
HKR20*,C*	46 / 52	60/60	43 / 49	60 / 60	19.5 / 66,500
GPC1349H41*					
HKR05*,C*	25 / 28	30/30			4.75 / 16,200
HKR08*,C*	34 / 40	40 / 40			7.0 / 23,800
HKR10*,C*	46 / 53	60/60			9.5 / 32,400
HKR15*,C*	46 / 52	60 / 60	22 / 25	30 / 30	14.25 / 48,600
HKR20*,C*	46 / 52	60/60	43 / 49	60 / 60	19.5 / 66,500
GPC1360H41*					
HKR05*,C*	26 / 30	30/30			4.75 / 16,200
HKR08*,C*	36 / 40	40 / 40			7.0 / 23,800
HKR10*,C*	48 / 54	60/60			9.5 / 32,400
HKR15*,C*	48 / 54	60/60	22 / 25	30 / 30	14.25 / 48,600
HKR20*,C*	48 / 54	60/60	43 / 49	60 / 60	19.5 / 66,500

IMPORTANT NOTE: A separate power supply is required for the HKR heater kit.



All wires and overcurrent protection devices are sized for use with electric heaters only and without refrigeration. If heaters are not installed with above wire size, overheating and fire could occur. See PACKAGE COOLING SPECIFICATIONS section for minimum circuit ampacity and maximum overcurrent protection during refrigeration cycle.

BLOWER PERFORMANCE DATA

GPC13[24-60]H41**

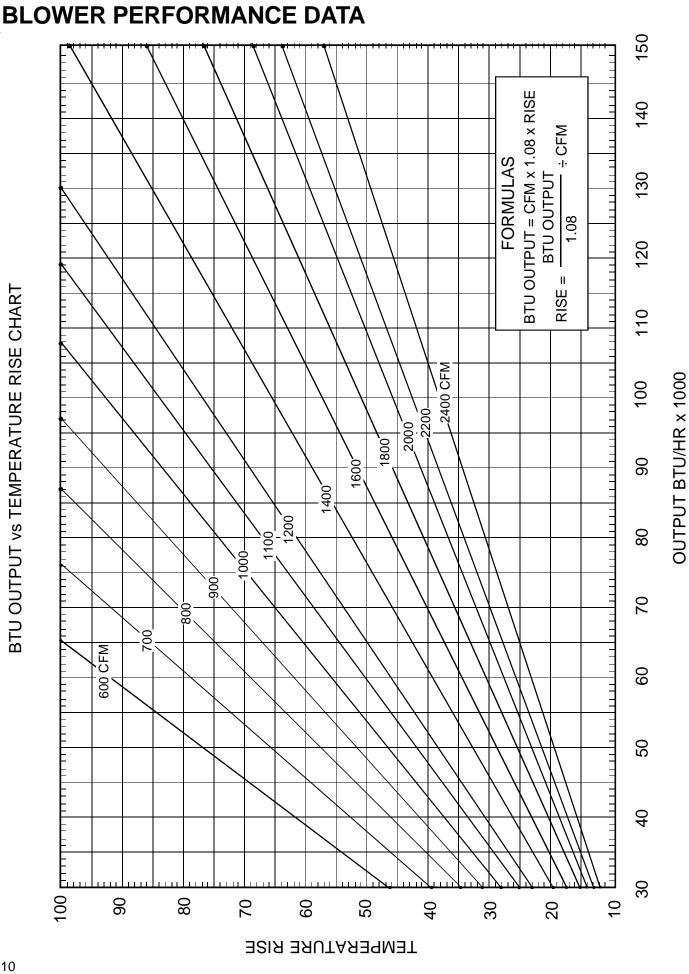
Dry Coil Data

Model	Crossed		Valta				E.S.P (Ir	າ. of H₂C))		
Model	Speed		Volts	0.1	0.2	0.3	0.4	0.5	0.6	0.7	8.0
*	Low	230	CFM	680	640	590	555	505	440	340	-
* 14	Low	230	WATTS	155	150	145	140	130	120	110	-
GPC1324H41**	Med	230	CFM	895	855	815	755	700	630	545	390
132	ivied	230	WATTS	230	220	215	205	195	180	170	145
PC	High	230	CFM	1,185	1,130	1,070	1,010	930	850	760	650
U	High	230	WATTS	350	340	325	310	295	280	265	245
*	Low	230	CFM	1,150	1,080	1,025	975	925	845	-	-
* *	LOW	230	WATTS	340	330	315	305	295	280	-	-
MO MO MO MO MO MO MO MO MO MO MO MO MO M	Med	230	CFM	1,335	1,275	1,205	1,135	1,075	985	910	845
GPC1330H41**	Med	230	WATTS	425	415	400	385	370	350	330	310
PC	High	230	CFM	1,435	1,355	1,290	1,210	1,130	1,040	960	885
U	riigii	230	WATTS	485	465	455	435	415	400	385	370
*	Low	230	CFM	1,180	1,125	1,075	1,020	955	875	655	-
* 14	LOW	230	WATTS	335	325	315	305	295	275	240	-
198	Med	230	CFM	1,350	1,280	1,205	1,130	1,050	985	910	845
GPC1336H41**	Med	230	WATTS	435	420	405	385	375	350	330	310
3PC	High	230	CFM	1,450	1,370	1,290	1,205	1,130	1,040	960	885
O		230	WATTS	495	480	465	440	425	400	385	370
* *	Low	230	CFM	1,425	1,410	1,355	1,310	1,245	1,170	1,080	-
GPC1342H41** GPC1349H41**		230	WATTS	450	445	430	420	405	390	370	-
42H 49H	Med	230	CFM	1,620	1,595	1,545	1,485	1,425	1,345	1,250	1,160
7. 7. 3.	IVICA	230	WATTS	550	540	525	510	495	475	450	425
3PC 3PC	High	230	CFM	1,945	1,935	1,875	1,800	1,730	1,635	1,535	1,440
0.0	riigii	230	WATTS	765	755	735	715	695	670	640	615
*	Low	230	CFM	1,425	1,410	1,355	1,310	1,245	1,170	1,080	-
*141	LOW	200	WATTS	450	445	430	420	405	390	370	-
48H	Med	230	CFM	1,720	1,660	1,585	1,520	1,460	1,365	1,270	-
713	IVICa	230	WATTS	560	555	540	530	520	490	470	-
GPC1348H41**	High	230	CFM	2,110	2,060	1,980	1,895	1,795	1,705	1,590	1,500
	1 11911	200	WATTS	785	780	765	745	720	705	665	625
*	T1	230	CFM	1,775	1,635	1,645	1,515	1,510	1,450	1,430	1,400
<u>4</u>	. '		WATTS	395	420	435	445	455	465	470	475
H09	T2/T3	230	CFM	1,845	1,790	1,715	1,685	1,590	1,580	1,530	1,500
713	12/10	230	WATTS	490	505	520	535	550	560	570	575
GPC1360H41**	T4/T5	230	CFM	2,025	1,900	1,840	1,780	1,725	1,650	1,620	1,580
	14/15	200	WATTS	575	595	620	630	645	655	660	670

NOTES:

- Data shown is Dry Coil. Wet Coil Pressure Drop is approximate.
 0.1" H₂O, for 2 row indoor coil; 0.2" H₂O, for 3 row indoor coil; and 0.3" H₂O, for 4 row indoor coil.
 Data shown does not include filter pressure drop, approx. 0.08" H₂O.
- 4. Reduce airflow by 2% for 208V operation.

BTU OUTPUT vs TEMPERATURE RISE CHART



PACKAGE COOLING SPECIFICATIONS

GPC13[24-30]H41AA

•		GPC1324H41*	GPC1330H41*
COOLING	COOLING CAPACITY, BTUH	24,000	28,600
CAPACITY	SEER	13.0	13.0
UNIT	VOLTAGE (NAMEPLATE)	208-230/1/60	208-230/1/60
ELECTRICAL	AMPS (TOTAL)	10.5	13.16
SPECIFICATION	MINIMUM CIRCUIT AMPACITY	12.5	15.6
	MAXIMUM OVERCURRENT PROTECTION (1)	20	25
COMPRESSOR	TYPE	RECIP	RECIP
	RATED LOAD AMPS	7.9	9.8
	LOCKED ROTOR AMPS	41	55
CONDENSER	HORSEPOWER	1/6	1/4
FAN MOTOR	RPM	815	830
	FULL LOAD AMPS	1.1	1.5
	LOCKED ROTOR AMPS	1.7	3.0
CONDENSER FAN	BLADE DIAMETER (INCHES) / # OF BLADES	22 / 3	22 / 3
CONDENSER	FACE AREA - SQ. FT.	13.4	13.4
COIL	NUMBER OF ROWS	1	1
	FINS PER INCH	24	24
EVAPORATOR	HORSEPOWER - NO. OF SPEEDS	1/4 - 3	1/3 - 3
BLOWER	FULL LOAD AMPS	1.5	1.86
MOTOR	LOCKED ROTOR AMPS	2.2	3.2
	MOTOR SPEED TAP - COOLING	MEDIUM	LOW
	RPM	1075	1075
EVAPORATOR	DIAMETER X WIDTH (INCHES)	9 x 6	9 x 6
BLOWER	RATED SCFM COOLING	815	1,080
	MAX EXTERNAL STATIC PRESS ("w.c.)	0.5	0.5
EVAPORATOR	FACE AREA - SQ. FT.	4.6	4.6
COIL	NUMBER OF ROWS	3	3
	FINS PER INCH	14	14
GENERAL	FILTER SIZE - SQ. FT. *	20 x 20 x 1	20 x 25 x 1
INFORMATION	DRAIN SIZE (INCHES)	3/4"	3/4"
	EXPANSION DEVICE	ORIFICE (0.059)	ORRIFICE (0.060)
	REFRIGERANT CHARGE R-410A (Oz.)	80	80
	POWER SUPPLY CONDUIT KNOCKOUT SIZE (IN	3/4, 1, 1-1/4	3/4, 1, 1-1/4
	LOW VOLTAGE CONDUIT KNOCKOUT SIZE (IN.)	1/2	1/2
	SHIPPING WEIGHT LBS.	310	310
	OPERATING WEIGHT LBS.	300	300

⁽¹⁾ Maximum Overcurrent Protection Device: **MUST** use Time Delay Fuse or HACR type Circuit Breaker of the same size as noted. Calculated external filter size based on air velocity of 300 ft/min.

PACKAGE COOLING SPECIFICATIONS GPC13[36-42]H41AA

•		GPC1336H41*	GPC1342H41*
COOLING	COOLING CAPACITY, BTUH	36,000	41,000
CAPACITY	SEER	13.0	13.0
UNIT	VOLTAGE (NAMEPLATE)	208-230/1/60	208-230/1/60
ELECTRICAL	AMPS (TOTAL)	20.06	22.2
SPECIFICATION	MINIMUM CIRCUIT AMPACITY	24.2	26.6
	MAXIMUM OVERCURRENT PROTECTION (1)	40	40
COMPRESSOR	TYPE	SCROLL	SCROLL
	RATED LOAD AMPS	16.7	17.9
	LOCKED ROTOR AMPS	79	112
CONDENSER	HORSEPOWER	1/4	1/4
FAN MOTOR	RPM	830	1075
	FULL LOAD AMPS	1.5	1.4
	LOCKED ROTOR AMPS	3.0	2.9
CONDENSER FAN	BLADE DIAMETER (INCHES) / # OF BLADES	22/4	22 / 4
CONDENSER	FACE AREA - SQ. FT.	13.4	17.0
COIL	NUMBER OF ROWS	1	1
	FINS PER INCH	24	24
EVAPORATOR	HORSEPOWER - NO. OF SPEEDS	1/3 - 3	1/2 - 3
BLOWER	FULL LOAD AMPS	1.86	2.87
MOTOR	LOCKED ROTOR AMPS	3.2	4.9
	MOTOR SPEED TAP - COOLING	LOW	LOW
	RPM	1075	1075
EVAPORATOR	DIAMETER X WIDTH (INCHES)	9 x 8	10 x 8
BLOWER	RATED SCFM COOLING	1,205	1,410
	MAX EXTERNAL STATIC PRESS ("w.c.)	0.5	0.5
EVAPORATOR	FACE AREA - SQ. FT.	5.2	6.2
COIL	NUMBER OF ROWS	3	4
	FINS PER INCH	14	14
GENERAL	FILTER SIZE - SQ. FT. *	25 x 25 x 1	(2) 20 x 20 x 1
INFORMATION	DRAIN SIZE (INCHES)	3/4"	3/4"
	EXPANSION DEVICE	ORIFICE (0.065)	ORIFICE (0.072)
	REFRIGERANT CHARGE R-410A (Oz.)	85	105
	POWER SUPPLY CONDUIT KNOCKOUT SIZE (IN.)	3/4, 1, 1-1/4	3/4, 1, 1-1/4
	LOW VOLTAGE CONDUIT KNOCKOUT SIZE (IN.)	1/2	1/2
	SHIPPING WEIGHT LBS.	370	370
	OPERATING WEIGHT LBS.	360	360

⁽¹⁾ Maximum Overcurrent Protection Device: **MUST** use Time Delay Fuse or HACR type Circuit Breaker of the same size as noted.

^{*} Calculated external filter size based on air velocity of 300 ft/min.

PACKAGE COOLING SPECIFICATIONS GPC13[48-60]H41BA

			-
		GPC1348H41B*	GPC1360H41B*
COOLING	COOLING CAPACITY, BTUH	45,500	57,500
CAPACITY	SEER	13.0	13.0
UNIT	VOLTAGE (NAMEPLATE)	208-230/1/60	208-230/1/60
ELECTRICAL	AMPS (TOTAL)	24.17	33.6
SPECIFICATION	MINIMUM CIRCUIT AMPACITY	29.2	40.2
	MAXIMUM OVERCURRENT PROTECTION (1)	45	60
COMPRESSOR	TYPE	SCROLL	SCROLL
	RATED LOAD AMPS	19.9	26.4
	LOCKED ROTOR AMPS	109	134
CONDENSER	HORSEPOWER	1/4	1/4
FAN MOTOR	RPM	1075	1075
	FULL LOAD AMPS	1.4	1.4
	LOCKED ROTOR AMPS	2.9	2.9
CONDENSER FAN	BLADE DIAMETER (INCHES) /# OF BLADES	22 / 4	22 / 4
CONDENSER	FACE AREA - SQ. FT.	19.1	19.1
COIL	NUMBER OF ROWS	1	2
	FINS PER INCH	21	16
EVAPORATOR	HORSEPOWER - NO. OF SPEEDS	1/2 - 3	3/4 - 3
BLOWER	FULL LOAD AMPS	2.87	5.8
MOTOR	LOCKED ROTOR AMPS	4.9	NA
	MOTOR SPEED TAP - COOLING	MEDIUM	T2
	RPM	1075	1075
EVAPORATOR	DIAMETER X WIDTH (INCHES)	10 x 8	11 x 8
BLOWER	RATED SCFM COOLING	1,585	1,850
	MAX EXTERNAL STATIC PRESS ("w.c.)	0.5	0.5
EVAPORATOR	FACE AREA - SQ. FT.	6.2	7.0
COIL	NUMBER OF ROWS	4	4
	FINS PER INCH	14	14
GENERAL	FILTER SIZE - SQ. FT. *	(2) 20 x 20 x 1	(2) 20 x 25 x 1
INFORMATION	DRAIN SIZE (INCHES)	3/4"	3/4"
	EXPANSION DEVICE	ORRIFICE (0.076)	ORIFICE (0.088)
	REFRIGERANT CHARGE R-410A (Oz.)	110	160
	POWER SUPPLY CONDUIT KNOCKOUT SIZE (IN.)	3/4, 1, 1-1/4	3/4, 1, 1-1/4
	LOW VOLTAGE CONDUIT KNOCKOUT SIZE (IN.)	1/2	1/2
	SHIPPING WEIGHT LBS.	400	400
	OPERATING WEIGHT LBS.	390	390
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⁽¹⁾ Maximum Overcurrent Protection Device: **MUST** use Time Delay Fuse or HACR type Circuit Breaker of the same size as noted. Calculated external filter size based on air velocity of 300 ft/min.

GPC1324H41AA

COOLING OPERATION

EXPANDED PERFORMANCE DATA

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Subcooling, 12±3 °F @ the liquid access fitting connection AHRI 95 test con

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	115		29	21.9	0.52	11	2.32	10.1	456	163	21.2	0.50	11	2.30	10.0	451	161	20.2	0.48	11	2.26	6.6	442	158
	1		63	20.0	0.75	14	2.24	9.8	432	149	19.4	0.72	15	2.23	9.8	427	148	18.4	69.0	15	2.19	9.6	419	145
			29	19.3	0.90	16	2.20	9.6	401	140	18.7	0.86	17	2.18	9.2	397	139	17.8	0.82	17	2.14	9.4	389	136
			1.2		1		-	-	-			-	-	-	-				1	-	1	-	-	٠
	105		29	23.6	0.52	11	2.24	9.6	413	157	22.9	0.49	12	2.22	9.2	409	156	21.8	0.47	12	2.19	9.4	400	153
	1		63	21.5	0.74	15	2.17	9.3	391	144	20.9	0.71	16	2.15	9.3	387	143	19.9	0.68	16	2.12	9.1	379	140
			29	20.8	0.89	17	2.12	9.1	363	135	20.2	0.85	18	2.11	9.1	360	134	19.2	0.81	19	2.07	8.9	352	131
			71		1	1	-	-	-	•	-	-	-	-	-	-	1	•	1	•	1	-	-	٠
	2	e.	29	24.8	0.50	12	2.15	9.1	292	150	24.1	0.47	12	2.13	9.0	363	149	22.9	0.45	12	2.10	8.9	356	146
erature	92	peratur	ස	22.7	0.72	15	2.08	8.8	347	137	22.0	0.68	16	2.07	8.8	344	136	20.9	99.0	16	2.03	9.8	337	133
Outdoor Ambient Temperature		ulb Ten	26	21.9	0.86	18	2.04	8.7	323	129	21.2	0.82	18	2.02	9.8	320	128	20.2	0.79	19	1.99	8.5	313	125
Ambie		· Wet B	11		-	-	-	-	-		-	-	-	-	-	-	1	-	-	-	-	-	-	
Jutdoor		ludooi	29	25.5	0.48	12	2.05	8.6	322	143	24.7	0.46	12	2.03	8.5	319	141	23.5	0.44	12	2.00	8.4	312	139
١	85	Entering Indoor Wet Bulb Temperature	63	23.2	0.70	15	1.98	8.3	305	131	22.6	99.0	16	1.97	8.3	302	130	21.4	0.64	16	1.94	8.2	296	127
			29	22.4	0.83	18	1.94	8.2	283	123	21.8	0.79	18	1.93	8.1	281	122	20.7	0.76	19	1.90	8.0	275	119
			71		-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	
	2		29	26.1	0.47	11	1.93	8.0	283	137	25.3	0.45	12	1.91	7.9	280	136	24.1	0.43	12	1.88	7.8	275	133
	7		63	23.8	0.68	15	1.87	7.8	268	126	23.1	9.0	16	1.85	7.7	265	125	22.0	0.62	16	1.83	9.7	260	122
			69	23.0	0.81	17	1.83	9.7	249	118	22.3	22.0	18	1.82	9.7	247	117	21.2	0.74	19	1.79	7.4	242	115
			11		-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	•
	65		29	26.7	0.45	11	1.79	7.5	252	130	25.9	0.43	12	1.78	7.4	250	129	24.6	0.41	12	1.75	7.3	245	126
			63	24.4	0.65	15	1.74	7.3	239	119	23.7	0.62	16	1.73	7.2	237	118	22.5	09.0	16	1.70	7.1	232	116
			29	23.5	0.78	17	1.71	7.1	222	112	22.8	0.75	18	1.69	7.1	220	111	21.7	0.72	19	1.67	7.0	215	109
				ИВИ	L/S	Delta T	МЖ	SAMA	AH PR	LO PR	ИВИ	L/S	Delta T	МЖ	SAMA	HI PR	LO PR	MBh	L/S	Delta T	MЖ	SAMA	H PR	LO PR
			Airflow				086							875				077						
			IDB*											2										

23.4	0.45	10	2.41	10.6	480	175	22.7	0.42	10	2.39	10.5	476	173	21.6	0.41	10	2.35	10.3	466	170	
21.8	0.69	14	2.34	10.2	461	164	21.2	0.66	15	2.32	10.1	456	163	20.1	0.63	15	2.28	10.0	447	159	
20.2	0.91	17	2.26	6.6	436	151	19.6	0.87	18	2.24	8.6	432	149	18.6	0.84	19	2.21	2.6	423	146	
19.6	1.00	18	2.21	2.6	405	141	19.0	0.97	19	2.20	9.6	401	140	18.1	0.93	20	2.16	6.5	393	137	
25.3	0.44	10	2.33	10.0	435	169	24.5	0.42	11	2.31	6.6	430	168	23.3	0.40	11	2.28	8.6	422	164	
23.6	0.69	15	2.26	9.7	417	159	22.9	0.65	16	2.24	9.6	413	157	21.7	0.63	16	2.20	9.2	404	154	
21.8	0.91	19	2.19	9.4	395	146	21.1	0.86	19	2.17	9.3	391	144	20.1	0.83	20	2.14	9.2	383	141	
21.1	1.00	20	2.14	9.5	367	137	20.5	0.97	21	2.12	9.1	363	135	19.5	0.93	22	2.09	9.0	326	133	
26.6	0.43	11	224	9.5	386	161	25.8	0.41	11	222	9.4	383	160	24.5	0.39	11	2.18	9.3	375	157	
24.8	99.0	15	2.17	9.5	371	152	24.1	0.63	16	2.15	9.1	367	150	22.9	09.0	16	2.12	9.0	360	147	
22.9	0.87	19	2.10	83	351	139	22.2	0.83	19	2.08	8.8	347	137	21.1	0.80	20	2.05	8.7	340	135	
22.2	0.98	20	2.06	8.7	326	131	21.6	0.93	21	2.04	8.7	323	129	20.5	0.89	22	2.01	8.5	316	127	
27.3	0.41	11	2.13	8.9	339	154	26.5	0.39	11	2.11	8.9	336	152	25.2	0.38	11	2.08	8.7	329	149	(4)
25.4	0.64	15	2.06	8.7	325	144	24.7	0.61	16	2.05	8.6	322	143	23.4	0.59	16	2.01	8.5	316	140	į
23.5	0.85	19	2.00	8.4	308	132	22.8	0.81	19	1.98	8.3	302	131	21.7	0.77	20	1.95	8.2	299	128	
22.8	0.95	50	1.96	8.2	286	124	22.1	06:0	21	1.94	8.2	283	123	21.0	98.0	72	1.91	8.0	278	121	ŀ
27.9	0.40	11	2.00	8.3	298	148	27.1	0.38	11	1.99	8.2	295	146	25.8	0.37	11	1.96	8.1	289	143	Į
26.0	0.62	15	1.94	8.1	286	139	25.3	09.0	16	1.93	8.0	283	137	24.0	0.57	16	1.90	6.7	278	135	
24.1	0.83	19	1.88	7.8	271	127	23.4	0.79	19	1.87	7.8	268	126	22.2	0.75	20	1.84	7.7	263	123	
23.4	0.92	20	1.85	2.7	252	120	22.7	0.88	21	1.83	9.7	249	118	21.5	0.84	22	1.80	2.7	244	116	
28.6	0.39	10	1.86	7.8	266	140	27.8	0.37	11	1.85	7.7	263	139	26.4	0.35	11	1.82	9.7	258	136	l
26.7	09.0	15	1.81	7.5	255	131	25.9	0.57	16	1.79	7.5	252	130	24.6	0.55	16	1.77	7.4	247	128	
24.6	0.80	18	1.75	7.3	241	120	23.9	0.76	19	1.74	7.3	239	119	22.7	0.73	20	1.71	7.2	234	117	-
23.9	0.89	20	1.72	7.2	224	113	23.2	0.85	21	1.71	7.1	222	112	22.1	0.81	21	1.68	0.7	218	110	-
MBh	S/T	Delta T	KW	AMPS	표	LO PR	MBh ST Detta T AMPS HI MBh LO PR LO PR MBh ST Detta T KW AMPS HI MPS									H K	LO PR				
			086					875									0//				L C C
						•				75			•								

NOTE: Shaded area is ACCA (TVA) conditions High and low pressures are measured at the liquid and sucton access fittings. * IDB: Entering Indoor Dry Bulb Temperature

MODEL: GPC1324H41A*

GPC1324H41AA

COOLING OPERATION

EXPANDED PERFORMANCE DATA

MODEL: GPC1324H41A*

Design Subcooling, 12±3 °F @ the liquid access fitting connection AHRI 95 test conditions. Design Superheat 8±3 °F @ the compressor suction access fitting connection.

Mile														Outdoo	r Ambio	ent Tem	Outdoor Ambient Temperature										
MBH					9	5			7	5			8	2			6	5			10,	2			115		
MRN 24, 24, 24, 24, 24, 24, 24, 24, 24, 24,													Enterin	g Indoc	r Wet E	3ulb Ter	nperatui	e.									
WBH 24.3 28.6 28.4 28.6 28.4 28.6 28.4 28.6 28.4 28.6 28.4 28.6 28.4 28.6 28.4 28.6 28.4 28.6 28.7 28.6 28.7 28.6 28.7 28.6 28.7 1.00 0.92 0.75 0.86 1.00	-	Airflow		29	63	29	71	29	63	29	71	29	63	29	71	29	ස	67	71	29	63	29	71	29	63	29	71
ST 1,00 0.92 0.75 0.56 1,00 0.95 0.77 0.59 1,00 0.09 0.05 0.75 0			MBh	24.3	24.9	26.6	28.4	23.8	24.3	26.0	27.7	23.2	23.7	25.3	27.1	22.6	23.1	24.7	26.4	21.5	22.0			6			23.3
KW 1.73 1.71 1.82 1.84 1.85 1.84 1.85 1.87 1.85 1.87 1			S/T	1.00	0.92	0.75		1.00	0.95	0.77	0.58	1.00	1.00	0.79	0.59	1.00	1.00	0.82	0.61	1.00	1.00	0.85	0.63				0.64
KW 1.73 1.74 1.86 1.86 1.86 1.90 1.96 2.02 2.15 2.17 2.19 2.02 2.15 2.17 2.19 2.02 2.16 2.10 2.10 2.03 3.10 3.8 3.10 3.8 3.10 3.8 3.0 3.8 3.0 <th></th> <td></td> <td>Delta T</td> <td>23</td> <td>21</td> <td>19</td> <td>15</td> <td>22</td> <td>22</td> <td>19</td> <td>15</td> <td>22</td> <td>22</td> <td>19</td> <td>15</td> <td>21</td> <td>22</td> <td>19</td> <td>15</td> <td>20</td> <td>21</td> <td>19</td> <td>15</td> <td>19</td> <td>19</td> <td>17</td> <td>14</td>			Delta T	23	21	19	15	22	22	19	15	22	22	19	15	21	22	19	15	20	21	19	15	19	19	17	14
AMPS 7.2 7.4 7.6 7.9 8.1 8.4 8.5 8.7 9.9 8.4 9.3 9.6 9.3 9.6 9.3 9.6 9.3 9.6 9.7 9.9 9.1 7.7 7.9 8.1 8.4 8.5 8.7 9.9 9.7 9.9 9.7 9.9 9.7 9.9 9.7 1.9 1.2 1.7 1.0 1.0 1.0 9.3 9.6 9.7 9.9 9.0 9.7 9.9 9.0 9.7 9.9 9.0 <th></th> <td>086</td> <td>KW</td> <td>1.73</td> <td>1.77</td> <td>1.82</td> <td>1.88</td> <td>1.86</td> <td>1.90</td> <td>1.96</td> <td>2.02</td> <td>1.97</td> <td>2.02</td> <td>2.08</td> <td>2.15</td> <td>2.07</td> <td>2.12</td> <td>2.19</td> <td>226</td> <td>2.16</td> <td>2.21</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>2.43</td>		086	KW	1.73	1.77	1.82	1.88	1.86	1.90	1.96	2.02	1.97	2.02	2.08	2.15	2.07	2.12	2.19	226	2.16	2.21						2.43
HIPR 227 244 257 269 254 274 289 301 289 311 329 343 329 354 374 369 371 399 421 439 420 441 465 161 LOPR HIPR 236 241 258 241 258 242 257 269 254 252 25 25 25 25 25 25 25 25 25 25 25 25			AMPS	7.2	7.4	9.7	7.8	7.7	7.9	8.1	8.4	8.3	8.5	8.7	9.0	8.8	9.0	9.3	9.6	9.3	9.5	9.8					10.7
LOPR 114 125 134 121 136 136 146 155 132 140 153 141 121 128 140 126 135 146 156 132 140 153 140 150 130 140 140 150 130 140 140 140 150 150 213 226 210 212 224 150 213 220 221 22 22 100 0.99 0.78 150 170 0.90 100 </td <th></th> <td></td> <td>H R</td> <td>227</td> <td>244</td> <td>257</td> <td>269</td> <td>254</td> <td>274</td> <td>289</td> <td>301</td> <td>289</td> <td>311</td> <td>329</td> <td>343</td> <td>329</td> <td>354</td> <td>374</td> <td>330</td> <td>371</td> <td>333</td> <td>421</td> <td></td> <td></td> <td></td> <td></td> <td>485</td>			H R	227	244	257	269	254	274	289	301	289	311	329	343	329	354	374	330	371	333	421					485
WIBH 23.6 24.1 25.6 25.2 24.6 26.3 22.0 22.6 24.6 26.3 22.0 22.6 24.6 26.3 22.0 22.6 24.6 26.3 22.0 22.6 24.6 26.3 1.00 20.9 21.0 22.0 22.0 21.0 22.0 22.0 21.0 22.0 22.0 21.0 22.0 22.0 21.0 22.0 22.0 21.0 22.0 22.0 21.0 22.0 <th< td=""><th></th><td></td><td>LO PR</td><td>114</td><td>122</td><td>133</td><td>141</td><td>121</td><td>128</td><td>140</td><td>149</td><td>126</td><td>134</td><td>146</td><td>155</td><td>132</td><td>140</td><td>153</td><td>163</td><td>138</td><td>147</td><td>160</td><td>Н</td><td></td><td>152</td><td></td><td>177</td></th<>			LO PR	114	122	133	141	121	128	140	149	126	134	146	155	132	140	153	163	138	147	160	Н		152		177
ST 0.38 0.87 0.87 0.78 0.78 0.78 0.78 0.78 0.78 0.78 0.78 0.78 0.78 0.78 0.78 0.78 0.78 0.78 0.78 0.78 0.78 0.78 0.79 0.39 0.79 0			MBh	23.6	24.1	25.8		-	23.6	25.2	26.9	22.5	23.0	24.6	26.3	22.0	22.5	24.0	25.7	20.9	21.3	22.8		19.3			22.6
AMPS 7.2 1.5 1.8 <th></th> <td></td> <td>S/T</td> <td>0.93</td> <td>0.87</td> <td>0.71</td> <td>0.53</td> <td>0.97</td> <td>0.91</td> <td>0.74</td> <td>0.55</td> <td>0.99</td> <td>0.93</td> <td>92.0</td> <td>0.56</td> <td>1.00</td> <td>96.0</td> <td>0.78</td> <td>0.58</td> <td>1.00</td> <td>0.39</td> <td></td> <td></td> <td>1.00</td> <td></td> <td></td> <td>0.61</td>			S/T	0.93	0.87	0.71	0.53	0.97	0.91	0.74	0.55	0.99	0.93	92.0	0.56	1.00	96.0	0.78	0.58	1.00	0.39			1.00			0.61
KW 1.72 1.75 1.81 1.86 1.89 1.99 2.00 2.06 2.13 2.04 2.17 2.24 2.14 2.19 2.86 2.32 2.20 2.95 3.7 3.80 3.			Delta T	23	22	19	15	23	22	20	16	23	22	20	16	23	23	20	16	22	22	19	15	20	21	18	14
AMPS 7.2 7.3 7.5 7.8 8.1 8.2 8.4 8.7 8.9 8.7 8.9 9.7 9.9 9.7 9.0 9.7 9.0 <th></th> <td>875</td> <td>ΚM</td> <td>1.72</td> <td>1.75</td> <td>1.81</td> <td>1.86</td> <td>1.85</td> <td>1.88</td> <td>1.94</td> <td>2.00</td> <td>1.96</td> <td>2.00</td> <td>2.06</td> <td>2.13</td> <td>2.06</td> <td>2.10</td> <td>2.17</td> <td>224</td> <td>2.14</td> <td>2.19</td> <td></td> <td></td> <td>21</td> <td></td> <td></td> <td>2.41</td>		875	ΚM	1.72	1.75	1.81	1.86	1.85	1.88	1.94	2.00	1.96	2.00	2.06	2.13	2.06	2.10	2.17	224	2.14	2.19			21			2.41
HIPR 244 255 266 262 271 286 289 286 308 325 339 326 361 47 48 461 48 484 484 484 484 484 484 484 484 484			AMPS	7.2	7.3	7.5	7.8	7.7	7.8	8.1	8.3	8.2	8.4	8.7	8.9	8.7	8.9	9.2	9.5	9.2	9.4	9.7	10.0	9.7	6		10.6
MBh 225 22,9 24,5 26,2 24,6 22,4 23,9 25,6 24			HI PR	224	241	255	266	252	271	286	298	286	308	325	339	326	351	371	386	367	395	417					480
MBh 2.5 2.9 24.5 26.2 1.9 22.4 21.9 22.4 21.9 22.4 21.9 22.4 21.9 22.4 21.9 22.4 21.9 22.4 21.9 22.4 1.05 22.4 1.05 22.4 1.05 22.4 22.5 22.4 22.4 22.4 22.2 22.4 22.4 22.4 22.5 22.4 22.5 22.4 22.5 22.4 22.5 22.4 22.5 22.4 22.5 22.4 22.5 22.4 22.5 22.4 22.5 22.4 22.5 22.4 22.5 22.			LO PR	113	120	131	140	120	127	139	148	124	132	144	154	131	139	152	161	137	146	159	169	141	151		175
ST 0.89 0.84 0.68 0.51 0.92 0.87 0.71 0.53 0.95 0.89 0.72 0.54 0.99 0.72 0.54 0.99 0.95 0.75 0.56 0.90 0.75 0.56 0.90 0.75 0.56 0.90 0.75 0.59 0.95 0.75 0.56 0.90 0.75 0.56 0.90 0.75 0.56 0.90 0.75 0.90 0.7			MBh	22.5	22.9	24.5		21.9	22.4	23.9	25.6	21.4	21.9	23.4	25.0	20.9	21.3	22.8	24.4	19.8	20.3						21.4
DeltaT 24 23 20 16 24 23 20 16 24 23 20 16 24 23 20 16 24 23 20 16 24 23 20 16 24 23 20 16 24 23 20 16 24 23 20 16 24 23 20 16 20 <th< td=""><th></th><td></td><td>S/T</td><td>0.89</td><td>0.84</td><td>0.68</td><td>0.51</td><td>0.92</td><td>0.87</td><td>0.71</td><td>0.53</td><td>0.95</td><td>0.89</td><td>0.72</td><td>0.54</td><td>0.98</td><td>0.92</td><td>0.75</td><td>0.56</td><td>1.02</td><td>0.95</td><td></td><td>0.58</td><td></td><td></td><td></td><td>0.58</td></th<>			S/T	0.89	0.84	0.68	0.51	0.92	0.87	0.71	0.53	0.95	0.89	0.72	0.54	0.98	0.92	0.75	0.56	1.02	0.95		0.58				0.58
KW 1.69 1.73 1.78 1.82 1.85 1.91 1.97 1.93 1.97 2.03 2.09 2.07 2.13 2.01 2.15 2.22 2.29 2.18 2.23 2.30 AMPS 7.1 7.2 7.4 7.6 7.7 7.9 8.2 8.1 8.8 8.6 8.8 9.0 9.3 9.5 9.9 9.5 9.8 10.0 HI PR 220 237 250 261 247 265 280 282 281 333 320 344 363 379 360 387 409 426 397 457 451 451 451 128 136 149 158 134 149 158 134 149 158 148 161 18 161 18 162 18 14 151 158 136 148 18 16 18 18 18 18 18 18			Delta T	24	23	20	16	24	23	20	16	24	23	20	16	24	23	20	16	24	23	20	16	22	22	19	15
7.1 7.2 7.4 7.6 7.6 7.7 7.9 8.2 8.1 8.3 8.6 8.8 9.0 9.3 9.1 9.3 9.5 9.9 9.5 9.8 10.0 220 237 250 261 247 265 280 281 302 33 320 344 363 379 409 426 427 451 111 118 129 137 145 122 130 141 151 128 136 149 158 134 143 156 166 139 148 161		240	ΚM	1.69	1.73	1.78	1.83	1.82	1.85	1.91	1.97	1.93	1.97	2.03	2.09	2.02	2.07	2.13	220	2.11	2.15						2.37
220 237 250 261 247 265 280 282 281 302 333 320 344 363 379 360 387 497 451 451 451 122 130 141 151 128 136 149 158 134 143 156 166 139 148 161			AMPS	7.1	7.2	7.4	7.6	2.6	7.7	7.9	8.2	8.1	8.3	8.5	8.8	9.8	8.8	9.0	9.3	9.1	9.3	9.5	6.6	2			10.4
111 118 129 137 117 125 136 145 122 130 141 151 128 136 149 158 134 143 156 166 139 148 161			H PR	220	237	250	261	247	265	280	292	281	302	319	333	320	344	363	379	360	387	409	-				47.1
			LO PR	111	118	129	137	117	125	136	145	122	130	141	151	128	136	149	158	134	143	156	166	139	148		172

									•	•		•			••	•	•		•	• `	•	
23.1	0.83	18	2.45	10.7	490	179	22.4	0.79	19	2.43	10.7	485	177	21.3	0.76	19	2.39	10.5	475	173		
21.6	1.00	20	2.38	10.4	470	168	21.0	0.98	22	2.36	10.3	465	166	20.0	0.94	22	2.32	10.1	456	163		
20.7	1.00	19	2.30	10.1	445	154	20.1	1.00	21	2.28	10.0	441	152	19.1	1.00	23	2.24	8.6	432	149		
20.3	1.00	19	2.25	6.6	413	144	19.7	1.00	21	2.23	8.6	409	143	18.7	1.00	22	2.20	9.6	401	140		
24.9	0.82	19	2.37	10.2	444	173	24.2	0.79	20	2.35	10.1	439	171	23.0	0.75	21	2.31	6.6	430	167		
23.4	1.00	22	2.30	6.6	425	162	22.7	0.97	23	2.28	8.6	421	160	21.6	0.93	24	2.24	9.6	413	157		otors)
22.3	1.00	21	2.22	9.6	403	148	21.7	1.00	23	2.21	9.5	336	147	20.6	1.00	25	2.17	9.3	391	144		r fan m
21.9	1.00	21	2.18	9.4	374	140	21.2	1.00	22	2.16	9.3	371	138	20.2	1.00	24	2.12	9.1	363	135		andense
26.2	0.79	20	228	9.6	394	165	25.5	92.0	20	226	9.6	330	163	24.2	0.72	21	222	9.4	383	160		ator + co
24.6	0.98	23	2.20	9.3	378	155	23.9	0.93	23	2.19	9.3	374	153	22.7	0.89	24	2.15	9.1	367	150	power	evapora
23.5	1.00	22	2.14	9.1	358	142	22.8	1.00	24	2.12	0.6	354	140	21.7	0.99	26	2.08	8.8	347	137	KW = Total system power	AMPS: Unit amps (comp.+ evaporator + condenser fan motors)
23.0	1.00	22	2.09	8.9	333	133	22.4	1.00	24	2.07	8.8	329	132	21.2	1.00 (25	2.04	8.7	323	129	/ = Total	nit amps
26.9	0.77	19	2.16 2	9.1	346	157 1	26.1 2	0.73	20	2.15 2	9.0	343	155	24.8 2	0.70	21	2.11 2	8.9	336	152	₹	MPS: Ur
25.2 2	0.95 0	22	2.10 2	8.8	332	147 1	24.5 2	0.90	23	2.08 2	8.7	329	146 1	23.3	0.87 0	24	2.05 2	8.6	322	143 1	ein:	
24.1 2	1.00 0	23	2.03 2	8.5	314	135 1	23.4 2	1.00 0	25	2.02	8.5	311	134 1	22.2	0.96 0	25	1.98 2	8.3	305	131 1	ng Indoor Dry Bulb Temperature	
23.6 2	1.00 1	22	1.99 2	8.4	292	127 1	22.9 2	1.00 1	24	1.97 2	8.3	289	126 1	21.8 2	0.99 0	26	1.94 1	8.2	283	123 1	Bulb Te	
27.6 2	0.75	19	2.04	8.4	304	151 1	26.8 2	0.71	20	2.02	8.4	301 2	149 1	25.4 2	0.68	21	.99	8.2	295	146	oor Dry	
25.8 2	0.92	22	1.97	8.2	292	142	25.1	0.88				289	140	8.9	0.84 (24	1.93 1		283	137	ring Ind	_
24.7 2	1.00 C	23	1.91	8.0	276	130 1	23.9 2	0.98	25	1.90 1	3 6.7	274 2	128 1	22.7 23	0.94 C	25	1.87 1	8.7	268 2	126 1	IDB: Enteri	access
24.2	1.00 1	23	1.87 1	7.8	257	122	23.5 2	1.00 C	25	1.86 1	. 2.2	254	121	22.3	0.97 C	26	1.83 1	. 9.7	249 2	118 ,	Ω	suction
282 2	0.72	19	1.89	6.7	271	143	27.4	0.69	20	1.88	8.7	269	141	26.0	0.66	21	1.85	7.7	263	139		hid and
26.4	0.89	22	1.84	9.7	260	134	25.7	0.85 (23	1.82	9.7	257	133	24.4	0.81 (24	1.79	7.5	252	130	nditions	t the liqu
25.2	0.99 (23	1.78	7.4	246 ;	123	24.5	0.94 (24	1.77	7.4	244	122	23.3	0.90	25	1.74	7.3	239	. 611	iting Co	suredat
24.8	1.00 (23	1.74	7.3	229	115	24.0	0.98	25	1.73	7.2	. 227	114	22.8	0.94 (26	1.71	7.1	222	112	AHRI Ra	are mea
MBh	S/T	Delta T	KW	AMPS	HI PR	LO PR	MBh	S/T	Delta T	KW	AMPS	HI PR	LO PR	MBh	S/T	Delta T	KW	AMPS	H R	LO PR	NOTE: Shaded area is AHRI Rating Conditions	High and low pressures are measured at the liquid and suction access
			Q							2							0				E: Shad	and low
			986 80							875							240				* NOT	High
										82												

GPC1330H41AA

COOLING OPERATION

EXPANDED PERFORMANCE DATA

Design Subcooling, 12±3 🕆 @ the liquid access fitting connection AHRI 95 test conditions. Design Superheat 8±3 °F @ the compressor suction access fitting connection.

	_	_									_												
		1.1			١.			٠			١.					٠	•	٠				٠	•
15		29	26.2	0.53	11	2.79	12.4	475	162	25.5	0.50	11	2.77	12.3	471	160	23.5	0.48	11	2.70	12.0	457	155
ļ		63	23.9	92.0	14	2.70	12.0	450	148	23.2	0.72	15	2.68	11.9	446	147	21.5	0.70	15	2.62	11.6	432	142
		59	23.1	0.91	16	2.65	11.8	418	139	22.4	0.87	17	2.63	11.7	414	138	20.7	0.83	17	2.56	11.4	402	134
		71				-	-							-							-	-	
5		29	28.3	0.52	11	2.70	11.8	430	156	27.5	0.50	12	2.68	11.7	426	155	25.4	0.48	12	2.61	11.4	413	150
19		છ	25.8	0.75	15	2.62	11.4	407	143	25.1	0.72	16	2.60	11.3	403	142	23.2	69.0	16	2.53	11.1	391	137
		29	24.9	06.0	17	2.56	11.2	379	135	24.2	98.0	18	2.54	11.1	375	133	22.3	0.83	18	2.48	10.9	364	129
		71		-		-	-					-	1	-	-				-	-	-	-	-
	е	29	29.8	0.50	12	2.59	11.1	382	149	28.9	0.48	12	2.57	11.1	379	148	26.7	0.46	12	2.51	10.8	292	143
6	mperatur	63	27.2	0.72	15	2.52	10.8	362	137	26.4	0.69	16	2.50	10.8	328	135	24.4	0.67	16	2.44	10.5	348	131
	Bulb Te	29	26.3	0.87	18	2.46	10.6	337	128	25.5	0.83	18	2.45	10.5	333	127	23.5	0.80	19	2.39	10.3	323	123
	or Wet	71						٠			١.					٠		٠					•
5	opul bu	29	30.6	0.49	12	2.47	10.5	336	142	29.7	0.46	12	2.45	10.5	332	141	27.4	0.45	12	2.39	10.2	322	136
8	Enterir	63	27.9	0.70	15	2.40	10.2	318	130	27.1	0.67	16	2.38	10.2	315	129	25.0	0.65	16	2.32	6.6	302	125
		59	26.9	0.84	18	2.35	10.0	296	122	26.1	0.80	18	2.33	10.0	293	121	24.1	0.77	19	2.28	2.6	284	117
		71		-		-	-		-		-	-		-	-	-			-	-	-	-	
2		29	31.3	0.47	12	2.33	8.6	295	137	30.4	0.45	12	2.31	8.6	292	135	28.1	0.44	12	2.26	9.5	284	131
		63	28.6	99.0	15	226	9.6	280	125	27.7	0.65	16	225	9.5	277	124	25.6	0.63	16	2.19	9.3	269	120
		59	27.6	0.82	18	2.22	9.4	260	118	26.8	0.78	18	2.20	9.3	257	116	24.7	0.75	19	2.15	9.1	250	113
		71					-									-					-	-	
<u>ر</u>		29	32.0	0.46	11	2.17	9.2	263	129	31.1	0.44	12	2.16	9.1	261	128	28.7	0.42	12	2.11	8.9	253	124
8		ස	29.3	99.0	15	2.11	9.0	249	118	28.4	0.63	16	2.09	8.9	247	117		0.61	16	2.05	8.7	239	114
		29	28.2	0.79	17	2.07	8.8	232	111	27.4	0.75	18	2.05	8.7	229	110	25.3	0.73	18	2.01	8.5	222	107
			MBh	S/T	DeltaT	KW	AMPS	HI PR	LOPR	MBh	ΣV	DeltaT	ΚM	AMPS	HI PR	LOPR	MBh	S/T	DeltaT	KW	AMPS	HI PR	LOPR
		Airflow				1180			•				1050							920			
		IDB*											2										
	65 75 85 95 105 115	75 85 95 105 Entering Indoor Wet Bulb Temperature	Control of the cont	Airtion MBh 28.2 29.3 32.0 - 2.0 28.3 32.0 - 2.0 28.3 - 2.0	Airliow Airl	Airliow SST 0.75 CST 0.75 Airliow Airliow	Mile Mile	Mile Mile	Mily Mily	Milk Milk	Mile Mile	Mily Mily	Mile Mile	Michael Mich	Mile Signature Sig	Main Sample Main Main	Mily Mily	Milk Milk	Miles Mile	Mile Mile	Milk Milk	Mile Mile	Milk Se 63 67 71 59 63 67 71 59 63 67 71 59 63 67 71 59 63 67 71 59 63 67 71 59 63 67 71 59 63 67 71 59 63 67 71 71 71 71 71 71 71

28.1	0.45	10	2.91	12.9	501	174	27.3	0.43	10	2.88	12.8	496	172	25.2	0.41	10	2.81	12.5	481	167	
26.2	0.70	14	2.81	12.5	480	163	25.4	0.67	15	2.79	12.4	475	162	23.5	0.64	15	2.72	12.1	461	157	
24.2	0.92	17	2.73	12.1	455	150	23.5	0.88	18	2.71	12.0	450	148	21.7	0.85	18	2.64	11.7	437	144	
23.5	1.00	18	2.67	11.9	423	141	22.8	0.98	20	2.65	11.8	418	139	21.1	0.95	20	2.59	11.5	406	135	
30.3	0.45	11	2.81	12.2	453	168	29.5	0.42	11	2.79	12.2	449	166	27.2	0.41	11	2.72	11.9	435	161	
28.3	0.69	15	2.72	11.9	435	158	27.4	99.0	16	2.70	11.8	430	156	25.3	0.64	16	2.64	11.5	417	152	
26.1	0.91	19	2.64	11.5	412	145	25.4	0.87	19	2.62	11.4	408	143	23.4	0.84	20	2.56	11.2	395	139	
25.4	1.00	20	2.58	11.3	382	136	24.6	96.0	21	2.56	11.2	379	135	22.7	0.94	21	2.50	10.9	367	130	
31.9	0.43	11	2.70	11.6	403	160	31.0	0.41	11	2.68	11.5	336	159	28.6	0.39	11	2.61	11.2	387	154	
29.8	0.67	15	2.62	11.2	386	151	28.9	0.64	16	2.60	11.2	383	149	26.7	0.61	16	2.53	10.9	371	145	
27.5	0.88	19	2.54	10.9	396	138	26.7	0.84	20	2.52	10.8	362	137	24.6	0.81	20	2.46	10.6	351	132	
26.7	0.39	20	2.48	10.7	340	130	25.9	0.94	21	2.47	10.6	337	128	23.9	0.91	22	2.41	10.4	327	125	i+ion
32.7	0.42	11	2.57	11.0	354	153	31.8	0.40	11	2.55	10.9	320	151	29.3	0.38	11	2.49	10.6	340	147	(/ /
30.5	0.65	15	2.49	10.6	339	143	29.6	0.62	16	2.47	10.5	336	142	27.3	0.59	16	2.41	10.3	326	138	Spot population
28.2	0.85	19	2.42	10.3	321	131	27.4	0.81	20	2.40	10.3	318	130	25.2	0.79	20	2.34	10.0	306	126	7 01 00
27.4	0.95	20	2.37	10.1	299	123	26.6	0.91	21	2.35	10.0	296	122	24.5	0.88	22	2.29	8.6	287	119	2000
33.5	0.41	11	2.42	10.2	311	147	32.6	0.39	11	2.40	10.1	308	145	30.0	0.37	11	2.35	6.6	536	141	
31.2	0.63	15	2.35	6.6	298	138	30.3	09.0	16	2.33	9.8	295	137	28.0	0.58	16	2.28	9.6	286	132	J L U V
28.9	0.83	19	228	9.6	282	126	28.0	62'0	19	226	9.6	280	125	25.9	0.77	20	221	9.3	27.1	121	
28.0	0.93	20	2.23	9.4	262	119	27.2	0.89	21	2.22	9.4	260	118	25.1	0.86	21	2.17	9.2	252	114	
34.3	0.39	10	2.25	9.6	277	139	33.3	0.37	11	2.24	9.2	275	138	30.8	0.36	11	2.19	9.3	266	134	2
32.0	0.61	15	2.19	9.3	266	131	31.1	0.58	16	2.17	9.5	263	129	28.7	0.56	16	2.12	9.0	255	125	mpo ro
29.5	0.80	19	2.13	9.0	8.9 9.0 234 252 234 252 21.1 12 27.9 28.7 0.86 0.77 2.07 2.11 8.8 9.0 232 249 25.7 2.11 8.8 9.0 232 249 25.7 2.11 25.7 2.11 8.8 9.0 232 249 25.7 2.12 26.5 26.5 8.6 2.06 8.6 2.06 8.6 2.06 8.6 2.06 8.6 2.06 8.6 2.06 8.6 2.06 8.6 2.06 8.7 2.07 8.8 2.06 8.9 2.06 8.9 3.06 8.9 3	14															
28.7	06.0	20	2.08	8.9 234 112 27.9 0.86 2.07 8.8 232 111 2.02 8.6 2.02 8.6 2.02 8.6 2.02 8.6 2.02 2.02 2.02 2.03 2.03 2.03 2.03 2.03																	
MBh	S/T	Delta T	ΚW	AMPS	HI PR	LOPR	MBh	S/T	DeltaT	KW	AMPS	HI PR	LOPR	MBh	S/T	DeltaT	KW	AMPS	HI PR	LOPR	Entoring Inc
			1180							1050							920				* 100
										72											
	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	

* IDB: Entering Indoor Dry Bulb Temperature ** IDB: Shaded area is ACCA (The High and low pressures are measured at the liquid and suction access fittings.

MODEL: GPC1330H41A*

GPC1330H41AA

COOLING OPERATION

EXPANDED PERFORMANCE DATA

MODEL: GPC1330H41A*

Design Subcooling, 12±3 🕆 @ the liquid access fitting connection AHRI 95 test conditions. Design Superheat 8±3 °F @ the compressor suction access fitting connection.

													Outdoo	r Ambie	ant Tem	Outdoor Ambient Temperature	4									П
				9	65			'	75			85	5			95	5			105	5			115		
												Enterin	g Indoc	r Wet E	3ulb Ter	mperatu										
IDB*	Airflow		59	ස	29	71	29	63	67	71	29	63	29	71	29	63 67 71 59 63	67	71	59	63	29	71	29	63	. 29	7
		MBh	29.5	29.8	31.9	34.1	28.5	29.2	31.1	33.3	27.9	28.5	30.4	32.5	27.2	27.8	29.7	31.7	25.8	26.4	28.2	30.1	23.9 2			27.9
		S/T	1.00	0.92	0.75		Ė	96.0	0.78	0.58	1.00	1.00	0.80	09.0	1.00	1.00	0.83	0.62	1.00	1.00	0.86	0.64	1.00 1	1.00 0	0.86 0	0.65
		DeltaT	23	21	19	15	22	22	19	15	22	22	19	15	21	22	19	15	20	21	19	15				14
	1180	K	2.10	2.14	2.21	2.27	2.25	2.30	2.37	2.44	2.39	2.44	2.51	2.59	2.50	2.56	2.64	2.72	2.60	2.66	2.74	2.83				2.93
		AMPS	8.9	9.1	9.3	9.6	9.2	9.7	10.0	10.3	10.2	10.4	10.7	11.0	10.8	11.0	11.3	11.7	11.4	11.6	12.0	12.3				13.0
		H PR	236	254	269	280	265	285	301	314	302	324	343	327	343	370	330	407	386	416	439	458				909
		LOPR	114	121	132	140	120	128	139	148	125	133	145	154	131	139	152	162	137	146	159	170	142 1	151 1	165 1	176
		MBh	28.4	29.0	31.0		-	28.3	30.2	32.3	27.0	27.6		31.6	26.4	27.0	28.8	30.8	25.1	25.6	27.4	29.2				7.1
		S/T	0.94	0.88	0.72	0.54	0.97	0.91	0.74	0.56	1.00	0.94		0.57	1.00	0.97	62.0	0.59	1.00	1.00	0.82	0.61			0.82 0	0.62
		DeltaT	23	83	19		⊢	23	20	16	24	23		16	23	23	20	16	22	22	20	16				15
80	1050	Κ	2.08	2.13	2.19		₩	228	2.35	2.42	2.37	2.42		2.57	2.48	2.54	2.62	2.70	2.58	2.64	2.72	2.81	2.67 2			2.91
		AMPS	8.9	9.0	9.3		⊢	9.6	6.6	10.2	10.1	10.3		⊢	10.7	10.9	11.2	11.6	11.3	11.5	11.9	12.3				12.9
		H PR	234	252	266		263	282	298	311	299	321	339	⊢	340	366	386	403	383	412	435	453				501
	_	LOPR	112	120	131		119	126	138	147	123	131	143	153	130	138	151	160	136	145	158	168	141	150 1	163 1	174
		MBh	26.2	26.7	28.6		┡	26.1	27.9	29.8	25.0	25.5	27.2		24.3	24.9	26.6	28.4	23.1	23.6	25.3	27.0	١.			25.0
		S√	0.91	0.85	0.69		┢	0.88	0.72	0.54	96.0	0.90		▙	0.39	0.93	92.0	0.57	1.03	0.97	0.79	0.59				0.59
		DeltaT	24	প্ত	8	16	24	23	20	16	24	23		╄	24	23	20	16	24	23	20	16				15
	920	××	2.04	2.08	2.14		2.18	223	2.29	2.37	2.31	2.36	2.43	2.51	2.43	2.48	2.55	2.63	2.52	2.58	2.66	2.74	2.61 2			2.83
		AMPS	8.7	8.8	9.1	9.3	9.5	9.4	6.7	10.0	6.6	10.1		₩	10.5	10.7	11.0	11.3	11.0	11.3	11.6	12.0				2.6
		H R	227	244	258	269	255	274	289	302	290	312	329	343	330	355	375	391	371	366	422	440		441 4		486
		LOPR	109	116	127	135	115	123	134	143	120	127	139	148	126	134	146	156	132	140	153	163				169
												NOTE:	Shaded	dareare	δŠ	ARI rating	g conditions									1
		MBh	29.7	30.3	31.7	33.9	29.0	29.6	31.0	33.1	28.3	28.9	30.3	32.3	27.6	28.2	29.5	31.5	26.3	26.8	28.0	29.9	24.3 2			7.7
		ΥS	1.00	1.00	0.30	0.73	⊢	1.00	0.93	0.76	1.00	1.00	96.0	0.78	1.00	1.00	0.99	0.80	1.00	1.00	1.00	0.83		1.00	1.00	0.84
		DeltaT	23	24	22	19	┡	23	23	19	8	23		⊢	22	22	23	20	20	21	22	19				18
	1180	Κ	2.12	2.16	2.22	2.29	2.27	2.32	2.39	2.46	2.40	2.45		_	2.52	2.58	2.66	2.74	2.63	2.68	2.77	2.86	2.71 2			2.95
		AMPS	9.0	9.2	9.4	9.7	9.6	9.8	10.1	10.4	10.3	10.5		_	10.9	11.1	11.4	11.8	11.5	11.7	12.1	12.4				3.1
		H PR	239	257	271	283	268	288	304	317	305	328		-	347	373	394	411	330	420	443	463				511
		LOPR	115	122	133	142	121	129	141	150	126	134	146	156	132	141	154	164	139	147	161	171	143 1	153 1	167 1	177
		MBh	28.9	29.4	30.8		Н	28.7	30.1	32.1	27.5	28.0	29.4	-	26.8	27.4	28.7	30.6	25.5	26.0	27.2	29.0			25.2 2	56.9
		SYT	0.99	0.95	0.86		-	0.99	0.89	0.72	1.00	1.00			1.00	1.00	0.94	0.76	1.00	1.00	0.98	0.79				08.
		DeltaT	25	24	23		25	25	23	20	24	22			24	24	24	20	22	23	23	20				19
82	1050	KW	2.10	2.14	2.21		2.25	2.30	2.37	2.44	2.39	2.44			2.50	2.56	2.64	2.72	2.60	2.66	2.74	2.83				.93
		AMPS	8.9	9.1	9.3		9.2	9.7	10.0	10.3	10.2	10.4			10.8	11.0	11.3	11.7	11.4	11.6	12.0	12.3				3.0
		HI PR	236	254	269		265	285	301	314	302	324			343	370	330	407	386	416	439	458				909
		LOPR	114	121	132	140	120	128	139	148	125	133		154	131	139	152	162	137	146	159	170	142 1	151 1		176
		MBh	26.6	27.1	28.4	30.3	26.0	26.5	27.8	29.6	25.4	25.9	27.1		24.8	25.3	26.4	28.2	23.5	24.0	25.1	26.8			23.3 2	24.8
		S/T	0.95	0.92	0.83		Н	0.95	0.86	0.70	1.00	0.97	0.88	Н	1.00	1.00	0.91	0.74	1.00	1.00	0.94	92.0				.77
		DeltaT	25	22	24	20	26	25	24	21	52	22	24		25	25	24	21	24	24	24	20	22			19
	920	ΚM	2.05	2.09	2.15	2.22	2.20	224	2.31	2.38	2.33	2.38	2.45		2.44	2.50	2.57	2.66	2.54	2.60	2.68	2.76		2.68 2	2.77 2	2.86
	_	AMPS	8.7	8.9	9.1	9.4	\dashv	9.5	2.6	10.1	10.0	10.2	10.5	10.8	10.5	10.8	11.1	11.4	11.1	11.3	11.7	12.0				12.7
		\ ∃	229	247	260	272	257	277	292	305	292	315	332	347	333	358	379	395	375	403	426	444		446 4	471 4	491
1		LOPR	110	117	128	136	-	124	135	1 4	121	129	140	150	127	135	148	157	133	142	155	165	138		60	170
*	OTE:	. 0000 606046	1011) weight	Sitione C	000		90.	- Louis Cto	1000	A. O	Town	021.400		1V T	0,000,10	101100									

^{*} NOTE: Shaded area is AHRI Rating Conditions IDB: Entering Indoor Dry Bulb Temperature High and low pressures are measured at the liquid and suction access fittings.

ure KW = Total system power AMPS: Unit amps (comp.+ evaporator + condenser fan motors)

GPC1336H41AA

COOLING OPERATION

EXPANDED PERFORMANCE DATA

Design Subcooling, 12±3 °F @ the liquid access fitting connection AHRI 95 test conditions. Design Superheat 8±3 °F @ the compressor suction access fitting connection.

																							_	
			71	•				٠	٠	٠	٠	٠		٠	٠	٠	•	٠	•	٠		-	٠	٠
	115		29	32.1	0.49	11	3.44	15.4	495	156	31.1	0.47	11	3.42	15.3	490	155	28.7	0.45	11	3.33	14.9	476	150
	1		63	29.3	0.71	14	3.34	15.0	469	143	28.4	0.68	15	3.31	14.9	464	142	26.2	99.0	15	3.23	14.5	451	138
			69	28.2	0.85	16	3.26	14.7	436	135	27.4	0.81	17	3.24	14.5	432	133	25.3	82'0	11	3.16	14.2	419	129
			71		-	-	-	-	-	-		-	-	-	-	-		-	-	-	-	-	-	-
	105		29	34.6	0.49	12	3.33	14.7	448	151	33.6	0.47	12	3.30	14.5	444	150	31.0	0.45	12	3.22	14.2	431	145
	10		63	31.6	0.71	15	3.23	14.2	425	139	30.7	0.67	16	3.20	14.1	420	137	28.3	0.65	16	3.12	13.8	408	133
			29	30.5	0.85	18	3.16	13.9	395	130	29.6	0.81	18	3.13	13.8	391	129	27.3	0.78	19	3.06	13.5	379	125
			7.1			-	-	-	-	-		-	-	-	-	-			-	-	-	-	-	
		•	29	36.4	0.47	12	3.20	13.9	336	144	35.4	0.45	12	3.17	13.8	395	143	32.7	0.43	12	3.09	13.4	383	139
Outdoor Ambient Temperature	92	Entering Indoor Wet Bulb Temperature	ස	33.3	0.68	15	3.10	13.5	377	132	32.3	0.65	16	3.07	13.4	374	131	29.8	0.63	16	3.00	13.1	362	127
ent Temp		ulb Ten	29	32.1	0.82	18	3.03	13.2	351	124	31.2	0.78	19	3.01	13.1	347	123	28.8	0.75	19	2.94	12.8	337	119
Ambie		r Wet E	7.1			-	-	-	-	-		-	-	-	-	-			-	-	-	-	-	
utdoor		Indoo	29	37.3	0.46	12	3.04	13.1	320	137	36.3	0.44	12	3.02	13.0	346	136	33.5	0.42	12	2.94	12.7	336	132
0	82	ntering	63	34.1	99.0	15	2.95	12.7	331	126	33.1	0.63	16	2.93	12.6	328	125	30.5	0.61	16	2.86	12.3	318	121
		Е	29	32.9	0.79	18	2.89	12.5	308	118	31.9	0.75	18	2.86	12.4	305	117	29.5	0.73	19	2.80	12.1	296	114
			11			-	-	-	-	-		-	-	-	-	-			-	-	-	-	-	
			29	38.3	0.45	12	2.86	12.2	308	132	37.1	0.43	12	2.84	12.1	305	131	34.3	0.41	12	2.77	11.8	295	127
	75		63	34.9	0.64	15	2.78	11.9	291	121	33.9	0.61	16	2.76	11.8	288	120	31.3	0.59	16	2.69	11.5	280	116
			29	33.7	0.77	18	2.72	11.6	271	114		0.73	18	2.70	11.6		113	30.2	0.71	19	2.64	11.3	260	109
			71			-	-	-	-	-		-	-	-	-	-		-	-	-	-	-	-	-
			29	39.2	0.43	11	2.66	11.4	274	125	38.0	0.41	12	2.64	11.3	271	124	35.1	0.40	12	2.58	11.1	263	120
	65		63	35.8	0.62	15	2.59	11.1	260	115	34.7	0.59	16	2.57	11.0	257	114	32.0	0.57	16	2.51	10.8	249	110
			29	34.5	0.74	17	2.53	10.9	241	108	33.5	0.71	18	2.52	10.8	239	107	30.9	99.0	18	2.46	10.6	232	103
				MBh	SYT	Delta T	KW	AMPS	HI PR	LO PR	MBh	S/T	Delta T	KW	AMPS	H PR	LO PR	MBh	S/T	Delta T	KW	AMPS	H PR	LO PR
			Airflow		I		1350							1200							1050			
			IDB*											2										

					_														_		,
34.3	0.42	10	3.59	16.1	522	168	33.3	0.40	10	3.56	15.9	517	167	30.8	0.39	10	3.47	15.5	501	162	
32.0	0.66	14	3.47	15.5	200	158	31.1	0.63	15	3.44	15.4	495	157	28.7	09.0	15	3.36	15.0	481	152	
29.6	0.87	17	3.36	15.1	474	145	28.7	0.83	18	3.34	15.0	469	143	26.5	0.80	19	3.25	14.6	455	139	
28.7	0.97	19	3.29	14.8	440	136	27.9	0.93	20	3.27	14.7	436	135	25.7	0.89	20	3.19	14.3	423	131	
37.1	0.42	11	3.47	15.3	472	163	36.0	0.40	11	3.44	15.1	468	161	33.2	0.39	11	3.35	14.8	454	156	
34.5	0.65	15	3.36	14.8	453	153	33.5	0.62	16	3.33	14.7	448	151	31.0	09:0	16	3.25	14.3	435	147	
31.9	0.86	19	3.25	14.4	429	140	31.0	0.82	19	3.23	14.2	425	139	28.6	0.79	20	3.15	13.9	412	134	
31.0	96.0	20	3.18	14.1	399	132	30.1	0.92	21	3.16	13.9	395	130	27.8	0.88	22	3.08	13.6	383	126	
39.0	0.40	11	3.33	14.4	420	155	37.9	98.0	11	3.30	14.3	416	154	35.0	0.37	11	322	14.0	403	149	
36.4	0.63	16	3.22	14.0	403	146	35.3	09.0	16	3.20	13.9	336	144	32.6	0.58	16	3.12	13.5	387	140	
33.6	0.83	19	3.12	13.6	381	134	32.6	0.79	20	3.10	13.5	37.7	132	30.1	0.76	20	3.02	13.2	366	128	
32.6	0.93	21	3.06	13.3	354	126	31.7	0.88	21	3.03	13.2	351	124	29.2	0.85	22	2.96	12.9	340	121	
40.0	0.39 0	11	3.16 3	13.6	898	148 1	38.8	0.37 0	11	3.14 3	13.5	365 3	146 1	35.8 2	0.36 0	11	3.06 2	13.2	354 3	142 1	
37.3 4	0.61	, 91	3.07	13.2 1:	353 3	139 1	36.2	0.58	, 91	3.04 3	13.1 13	350 3	137 1	33.4 3	0.56	, 91	2.97 3	12.8 1	339 3	133 1	
34.4 3	0.80	. 61	2.97 3	12.8 1	335 3	127 1	33.4 3	0.77 0	. 50	2.95 3	12.7 1	331 3	126 1	30.9	0.74 0	. 50	2.88 2	12.4 1	321 3	122 1	
33.4 3	0.90 0	20	2.91 2	12.6 1	311	120 1	32.5 3	0.86 0	21	2.89 2	12.5 1	308	118 1	30.0	0.83 0	22	2.82 2	12.2 1	299	115 1	
41.0	0.38	11	2.98	12.7	324	142	39.8	0.36	11	2.96	12.6	321	141	36.7	0.35 (11	2.89 2	12.3	311	137	
38.2	0.59 (15	2.89	12.3	311	134	37.1	0.57 (16	2.87	12.2	308	132	34.2	0.55 (16	2.80	11.9	299	128	
35.3	0.78	19	2.80		294	122	34.2	0.75	20	2.78	11.9	291	121	31.6	0.72 (20	2.71	. 9111	283	118	
34.3	0.88	20	2.74	11.7 12.0	274	115	33.3	0.84	21	2.72	11.6	271	114		0.81			11.4	263	110	
42.0	0.37	11	2.77	11.9	289	135	40.7		11	2.75		286	133	37.6	0.34	11	2.68	11.5	277	129	
39.1	0.57	15	2.69	11.5	277	126	38.0	0.55 0.35	16	2.67	11.4 11.8	274	125	35.0	0.53	16	2.60	11.2	266	121	
36.1	0.76	19	2.61	11.2	262	116	35.1	0.72	19		11.1		115	32.4	69.0	20	2.53	10.9	252	111	
35.1	0.84	20	2.55	11.0	244	109	34.1	0.81	21	2.53	10.9	241	108	31.4	0.78	21	2.48	10.7	234	105	
MBh	S/T	Delta T	ΚM	AMPS	H R	LO PR	MBh	S/T	Delta T	ΚM	AMPS	H PR	LO PR	MBh	S/T	Delta T	KW	AMPS	H R	LO PR	
			1350							1200							1050				
							_			75											
_	_																_				

NOTE: Shaded area is ACCA (TVA) conditions High and low pressures are measured at the liquid and suction access fittings. * IDB: Entering Indoor Dry Bulb Temperature

MODEL: GPC1336H41A*

GPC1336H41AA

COOLING OPERATION

EXPANDED PERFORMANCE DATA

MODEL: GPC1336H41A*

Design Subcooling, 12±3 °F @ the liquid access fitting connection AHRI 95 test conditions. Design Superheat 8±3 °F @ the compressor suction access fitting connection.

)	Outdoor Ambient Temperature	Ambie	nt Tempe	erature										
				92	2			7.	2			82	2			92				105				115		
												Enterin	Entering Indoor Wet	WetB	Bulb Temperature	erature										
IDB*	Airflow		29	63	29	71	29	63	29	71	29	63	29	71	29	ೞ	29	71	29	63	29	71	29	63		74
		MBh	35.7	36.5	39.0	41.7	34.9	35.6	38.1	40.7	34.0	34.8	37.2	39.7	33.2	33.9	36.3	38.8	31.5	32.2	34.4	36.8	29.2	29.9	31.9	34.1
		S/T	6.03	0.87	0.71	0.53	96.0	06.0	0.73	0.55	1.00	0.92	0.75 (99.0	1.00 (0.95	0.78	0.58	1.00	1.00	0.81 (0.60	1.00 1	00'1	0.81 (0.61
		Delta T	23	22	19	15	23	22	19	15	23	22	19	15	23	22	19	15	21	22	19	15	20	20	18	14
	1350	KW	2.57	2.63	2.71	2.79	2.77	2.82	2.91	3.00	2.93	3.00	3.09	3.19	3.08	3.15	3.25	3.36	3.21	3.28	3.39	3.50	3.32	3.39	3.50	3.62
		AMPS	11.1	11.3	11.6	12.0	11.8	12.1	12.4	12.8	12.7	12.9	13.3 1	13.7	13.4	13.7	14.1	14.6	14.2	14.5	14.9	15.4	14.9 1	15.2 1	15.7	16.2
		HI PR	246	265	280	292	276	297	314	327	314	338	357	372	358	385	407	424	403	433	458	477	445 ,	479	202	527
		LOPR	110	117	128	136	116	124	135	144	121	128	140	149	127	135	147	157	133	141	154	164	137	146 1	160	170
		MBh	34.7	35.4	37.8	40.5	33.9	34.6	37.0	39.5	33.0	33.8	36.1	38.6	32.2	32.9	35.2	37.6	30.6	31.3	33.4	35.7	28.4	29.0	31.0	33.1
		S/T	0.88	0.83	0.67	0.50	0.92	98.0	0.70	0.52	0.94	0.88	0.72 (0.54	0.97	0.91	0.74	0.55	1.00	0.94	0.77 (0.57	1.00 (0.95 (0.77 (0.58
		Delta T	23	22	20	16	24	23	20	16	24	23	20	16	24	23	20	16	23	23	20	16	22	21	18	15
8	1200	KW	2.55	2.61	2.69	2.77	2.74	2.80	2.89	2.98	2.91	2.97	3.07	3.17	3.06	3.12	3.22	3.33	3.18	3.25	3.36	3.47	3.29	3.36	3.47	3.59
		AMPS	11.0	11.2	11.5	11.9	11.7	12.0	12.3	12.7	12.6	12.8	13.2	13.6	13.3	13.6	14.0	14.4	14.1	14.4	14.8	15.3	14.8 1	5.1 1	15.5	16.1
		H R	244	262	277	289	274	294	311	324	311	332	354	369	354	381	403	420	366	429	453 ,	472	, 440	474	200	522
		LO PR	109	116	126	135	115	122	134	142	120	127	139	148	126	134	146	155	132	140	153	163	136	145 ,	158	168
		MBh	32.0	32.7	34.9	37.3	31.2	31.9	34.1	36.5	30.5	31.2	33.3	35.6	29.8	30.4	32.5	34.7	28.3	28.9	30.9	33.0	26.2	26.8 2	28.6	30.6
		S/T	0.85	0.80	0.65	0.49	0.88	0.83	0.67	0.50	0.91	0.85	0.69	0.52	0.93 (0.88	0.71	0.53	0.97	0.91	0.74 (0.55	0.98 (0.92 (0.75 (0.56
		Delta T	24	23	20	16	24	23	20	16	24	23	20	16	24	23	20	16	24	23	20	16	22	21	19	15
	1050	KW	2.50	2.55	2.62	2.70	2.68	2.73	2.82	2.91	2.84	2.90	2.99 3	3.09	2.98	3.05	3.15	325	3.11	3.17	3.28	3.38	3.21	3.28	3.39	3.50
		AMPS	10.7	11.0	11.3	11.6	11.5	11.7	12.0	12.4	12.3	12.5	12.9 1	13.3	13.0	13.3	13.7	14.1	13.7	14.0	14.4	14.9	14.4 1	14.7 1	15.2	15.7
		ΗR	236	254	269	280	265	286	302	314	302	325	343	358	344	370	391	407	387	416	439 ,	458	427	460 4	485 (909
		LO PR	106	112	123	131	112	119	130	138	116	123	135	143	122	130	141	151	128	136	148	158	132	140	153	163

									•				•						•	•	•
33.9	0.79	18	3.65	16.3	533	172	32.9	0.75	19	3.62	16.2	527	170	30.3	0.72	19	3.53	15.8	511	165	
31.7	0.97	21	3.53	15.8	511	161	30.8	0.93	22	3.50	15.7	202	160	28.4	0.89	22	3.42	15.3	490	155	
30.3	1.00	21	3.42	15.3	483	148	29.4	1.00	23	3.39	15.2	479	146	27.2	66.0	24	3.31	14.8	464	142	
29.7	1.00	20	3.35	15.0	449	139	28.9	1.00	22	3.32	14.9	445	137	26.6	1.00	23	3.24	14.5	431	133	
36.6	0.78	19	3.53	15.5	482	166	35.5	0.75	20	3.50	15.4	477	164	32.8	0.72	21	3.41	15.0	463	159	
34.3	0.96	22	3.41	15.0	462	156	33.3	0.92	23	3.39	14.9	458	154	30.7	0.89	24	3.30	14.5	444	150	
32.7	1.00	22	3.31	14.6	438	143	31.8	1.00	24	3.28	14.5	433	141	29.3	0.98	25	3.20	14.1	420	137	
32.1	1.00	22	3.24	14.3	407	134	31.2	1.00	24	3.21	14.2	403	133	28.8	1.00	25	3.13	13.8	391	129	
38.5	0.75	20	3.38	14.7	428	158	37.4	0.72	21	3.36	14.6	424	157	34.5	69.0	21	327	14.2	411	152	
36.1	0.93	23	3.28	14.2	411	149	35.0	0.89	24	3.25	14.1	407	147	32.3	0.85	24	3.17	13.8	394	143	n power
34.4	1.00	23	3.18	13.8	389	136	33.4	0.98	22	3.15	13.7	382	135	30.9	0.95	26	3.07	13.4	374	131	KW = Total system power
33.8	1.00	23	3.11	13.5	361	128	32.8	1.00	22	3.08	13.4	328	127	30.3	0.98	56	3.01	13.1	347	123	KW = To
39.4	0.73	20	3.22	13.9	376	151	38.3	0.70	20	3.19	13.7	372	149	35.4	0.67	21	3.11	13.4	361	145	
37.0	06.0	23	3.12	13.4	361	142	35.9	0.86	24	3.09	13.3	327	140	33.1	0.83	24	3.02	13.0	346	136	rature
35.3	1.00	24	3.02	13.0	342	130	34.3	0.95	25	3.00	12.9	338	128	31.6	0.92	25	2.92	12.6	328	125	Tempe
34.6	1.00	24	2.96	12.8	317	122	33.6	0.98	22	2.93	12.7	314	121	31.0	0.95	56	2.86	12.4	305	117	Ory Bulb
40.4	0.71	20	3.03	12.9	331	145	39.2	0.68	20	3.00	12.8	327	144	36.2	0.65	21	2.93	12.5	318	139	ring Indoor Dry Bulb Temperature
37.9	0.88	23	2.93	12.5	317	136	36.8	0.84	24	2.91	12.4	314	135	33.9	0.81	24	2.84	12.1	302	131	intering
36.2	0.97	24	2.85	12.2	300	125	35.1	0.93	25	2.82	12.1	297	124	32.4	0.89	25	2.76	11.8	288	120	IDB: Ente
35.5	1.00	24	2.79	11.9	279	117	34.4	0.96	25	2.77	11.8	276	116	31.8	0.93	26	2.70	11.5	268	113	
41.4	0.69	19	2.81	12.1	295	137	402	0.65	20	2.79	12.0	292	136	37.1	0.63	20	2.73	11.7	283	132	tions
38.8	0.85	22	2.73	11.7	283	129	37.7	0.81	23	2.71	11.6	280	128	34.8	0.78	24	2.64	11.3	271	124	g Condi
37.0	0.94	24	2.65	11.4	268	118	32.9	0.89	25	2.63	11.3	265	117	33.2	0.86	25	2.57	11.0	257	113	Ratin
36.3	0.97	24	2.59	11.2	249	111	35.3	0.93	25	2.57	11.1	246	110	32.6	0.89	25	2.51	10.8	239	107	s is AHF
MBh	S/T	Delta T	ΚM	AMPS	H R	LO PR	MBh	S/T	Delta T	ΚM	AMPS	HI PR	LO PR	MBh	S/T	Delta T	ΚM	AMPS	H R	LO PR	NOTE: Shaded areas is AHRI Rating Conditions
			1350							1200							1050				NOTE: Sh
										82											*

^{*} NO1E: Shaded areas is AHRI Rating Conditions IDB: Entering Indoor Dry Bulb Temperature High and low pressures are measured at the liquid and suction access fittings.

AMPS: Unit amps (comp.+ evaporator + condenser fan motors)

GPC1342H41AA

COOLING OPERATION

EXPANDED PERFORMANCE DATA

Design Subcooling, 12±3 °F @ the liquid access fitting connection AHRI 95 test conditions. Design Superheat 8±3 °F @ the compressor suction access fitting connection.

												٥	Jutdoor	· Ambie	Outdoor Ambient Temperature	oerature.										٦
				9	92			22	2			85				36	2			105				115		
											F	<u>=nterinç</u>	oopul	r Wet E	Entering Indoor Wet Bulb Temperature	peratur	ė									
IDB*	Airflow		29	63	29	1.1	29	63	29	71	29	63	29	1.1	29	ස	29	7.1	29	63	29	71	29 6	93 (. 29	71
		MBh	40.2	41.6	45.6		39.2	40.7	44.6		38.3	39.7	43.5		37.4	38.7	42.4		35.5	36.8	40.3		32.9 34	34.1 3	37.3	
		S/T	0.77	0.65	0.45	-	08.0	0.67	0.46	-	0.82	69.0	0.48	-	0.85	0.71	0.49	-	0.88	0.74 (0.51	-	0.89 0.	0.74 0	0.51	
		Delta T	18	16	12		18	16	12		18	16	12		18	16	12		18	16	12		17 1	, 21	11	
	1580	ΚW	2.77	2.83	2.91	1	2.97	3.03	3.12		3.14	3.20	3.30	-	3.29	3.36	3.46	1	3.42	3.49	3.60	-	3.53 3.	3.60 3	3.72	
		AMPS	12.3	12.5	12.9	-	13.1	13.4	13.7	-	14.0	14.3	14.7	-	14.8	15.1	15.6	-	15.6	16.0	16.4	•	16.4 16	16.8 1	17.3	
		H PR	225	242	256	-	252	272	287	-	287	309	326	-	327	352	372	-	368	968	418		406 4	437 4	462	
		LO PR	110	117	128		117	124	135		121	129	141		127	135	148	ŀ	133	142	155	-	138 1	147 1	160	
		MBh	39.0	40.4	44.3		38.1	39.5	43.3		37.2	38.5	42.2		36.3	37.6	41.2		34.5	35.7	39.1		31.9 33	33.1 3	36.3	
		S∕T	0.74	0.62	0.43		0.77	0.64	0.44	ŀ	0.78	99.0	0.45		0.81	0.68	0.47		0.84	0.70	0.49	,	0.85 0.	0.71 0	0.49	
		Delta T	19	16	12	-	19	16	12	-	19	16	12	-	19	17	13	-	19	16	12		18 1	, 21	12	
20	1410	ΚM	2.75	2.81	2.89	1	2.95	3.00	3.09	-	3.12	3.18	3.27	-	3.27	3.33	3.43	-	3.39	3.46	3.57	-	3.50 3.	3.58 3	3.69	
		AMPS	12.2	12.5	12.8	-	13.0	13.3	13.6	-	13.9	14.2	14.6	-	14.7	15.0	15.4	-	15.5	15.8	16.3	•	16.3 16	16.6 1	17.1	
		H R	223	240	253	-	250	569	284	-	284	306	323	-	324	348	368	-	364	395	414		402 4	433 4	457	
		LO PR	109	116	127	-	115	123	134	1	120	128	139	-	126	134	146	-	132	140	153		137 1.	145 1	159	
		MBh	36.0	37.3	40.9	-	35.2	36.4	39.9	-	34.3	35.6	39.0	-	33.5	34.7	38.0	-	31.8	33.0	36.1	-	29.5 30	30.5	33.5	
		S/T	0.71	0.59	0.41	-	0.74	0.62	0.43	-	0.76	0.63	0.44	-	0.78	0.65	0.45	-	0.81	0.68	0.47	-	0.82 0.	0.68 0.	0.47	
		Delta T	19	16	12	-	19	17	13		19	17	13	-	19	17	13	-	19	17	13	-	18 1	, 91	12	
	1240	KW	2.69	2.74	2.82	-	2.88	2.94	3.02	-	3.04	3.11	3.20	-	3.19	3.25	3.35	•	3.31	3.38	3.49		3.42 3.	3.49 3.	3.60	
		AMPS	12.0	12.2	12.5	-	12.7	13.0	13.3	-	13.6	13.9	14.3	-	14.4	14.7	15.1	-	15.2	15.5	15.9	-	15.9 16	16.2 10	16.7	
		ΗR	216	233	246	-	242	261	275	-	276	297	313	-	314	338	357	-	353	380	401	-	390 4	420 4	444	
		LO PR	106	113	123		112	119	130		116	124	135		122	130	142		128	136	149		132 1	141 1	154	

											-	_			_		_	-		_	
40.0	0.44	10	3.87	18.0	487	172	38.8	0.42	11	3.84	17.8	482	171	35.8	0.40	11	3.74	17.4	467	165	
37.3	0.68	15	3.75	17.4	467	162	36.2	0.65	15	3.72	17.3	462	160	33.4	0.63	16	3.63	16.8	448	155	
34.4	06.0	18	3.63	16.9	442	148	33.4	98.0	19	3.60	16.8	437	147	30.9	0.83	19	3.52	16.4	424	142	
33.4	1.00	19	3.56	16.6	411	139	32.5	96.0	20	3.53	16.4	407	138	30.0	0.93	21	3.45	16.0	394	134	
43.2	0.44	11	3.74	17.1	440	167	41.9	0.42	11	3.71	17.0	436	165	38.7	0.40	12	3.62	16.5	423	160	
40.2	0.68	16	3.63	16.5	422	156	39.1	0.65	16	3.60	16.4	418	155	36.1	0.62	17	3.51	16.0	406	150	
37.2	0.90	19	3.52	16.1	400	143	36.1	0.85	20	3.49	16.0	396	142	33.3	0.82	20	3.41	15.6	384	138	
36.1	1.00	21	3.45	15.8	372	135	35.1	96.0	22	3.42	15.6	368	133	32.4	0.92	22	3.34	15.3	357	129	
45.5	0.42	11	3.60	16.2	392	159	44.1	0.40	12	3.57	16.1	388	157	40.7	0.39	12	3.48	15.7	376	153	
42.4	0.65	16	3.49	15.7	375	149	41.1	0.62	17	3.46	15.6	372	148	38.0	09.0	17	3.38	15.2	360	143	
39.1	98.0	20	3.38	15.3	355	137	38.0	0.82	20	3.36	15.1	352	135	35.1	0.79	7	3.28	14.8	341	131	
38.0	0.97	21	3.32	15.0	330	128	36.9	0.92	22	3.29	14.8	327	127	34.1	0.89	22	3.22	14.5	317	123	0 000111
46.6	0.41	11	3.43	15.3	344	151	45.2	0.39	11	3.40	15.2	340	150	41.8	0.37	12	3.32	14.8	330	145	0 0 0 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
43.4	0.63	16	3.32	14.8	330	142	42.2	09.0	17	3.30	14.7	326	141	38.9	0.58	17	3.22	14.4	317	136	ĺ
40.1	0.84	20	3.23	14.4	312	130	38.9	0.80	20	3.20	14.3	309	129	32.9	0.77	20	3.13	14.0	300	125	0:00
39.0	0.94	21	3.16	14.1	290	122	37.8	0.89	22	3.14	14.0	287	121	34.9	0.86	22	3.07	13.7	279	117	ين ادماده
47.7	0.40	11	3.23	14.3	302	146	46.3	0.38	11	3.21	14.2	299	144	42.8	0.37	12	3.14	13.8	290	140	J. L.
44.5	0.62	16	3.14	13.8	290	137	43.2	0.59	17	3.12	13.7	287	135	39.9	0.57	17	3.04	13.4	278	131	2
41.1	0.82	20	3.05	13.5	274	125	39.9	0.78	20	3.03	13.4	272	124	36.8	0.75	20	2.96	13.1	264	120	
39.9	0.91	21	2.99	13.2	255	118	38.7	0.87	22	2.97	13.1	252	117	35.8	0.84	22	2.90	12.8	245	113	
48.9	0.38	11	3.02	13.4	269	138	47.4	0.37	11	2.99	13.3	267	136	43.8	0.35	11	2.93	13.0	259	132	9
45.5	09.0	16	2.93	13.0	258	129	44.2	0.57	16	2.91	12.9	256	128	40.8	0.55	17	2.84	12.6	248	124	0,000
42.1	0.79	19	2.85	12.6	245	119	40.8	0.75	20	2.83	12.6	242	117	37.7	0.72	20	2.76	12.3	235	114	Ę.
40.9	98.0	21	2.79	12.4	227	111	39.7	0.84	22	2.77	12.3	225	110	36.6	0.81	22	2.71	12.0	218	107	2
MBh	S/T	Delta T	ΚW	AMPS	HR	LO PR	MBh	S/T	Delta T	KW	AMPS	HR	LO PR	MBh	S/T	Delta T	KW	AMPS	HI PR	LO PR	* IOO. Total and an Iou I Total
			1580		<u> </u>					1410	<u> </u>	·					1240				*
										75											

NOTE: Shaded area is ACCA (TVA) conditions High and low pressures are measured at the liquid and suction access fittings. *IDB: Entering Indoor Dry Bulb Temperature

MODEL: GPC1342H41A*

GPC1342H41AA

EXPANDED PERFORMANCE DATA

MODEL: GPC1342H41A*

COOLING OPERATION

Design Subcooling, 12±3 °F @ the liquid access fitting connection AHRI 95 test conditions. Design Superheat 8±3 °F @ the compressor suction access fitting connection.

105 105													J	Jutdoor	Ambie	Outdoor Ambient Temperature	erature										
High					9	5			7.	2			82				36				10	2			115		
MRN MRN 416 425 454 455 406 415 445 426 427 428 427 428 427 428 427 428 427 428 427 428 427 428 428 427 428												Е	ntering	ludooi	· Wet B	ulb Tem	peratur	6									
MBh 416 426 454 485 406 415 413 414 396 40.5 433 463 387 395 422 451 367 376 401 MBh 416 42.5 454 485 40.6 41.5 41.3 41.4 41.3 41.5 41.3 41.3 41.5 41.3	IDB*	Airflow		29	63	29	71	29	63	29	71	29	63	29	71	29	ස	67	71	29	63	29	71	29	63	29	71
ST 10.97 0.91 0.74 0.55 1.00 0.94 0.76 0.57 1.00 0.96 0.78 0.59 1.00 1.00 0.81 0.00 1.00 0.81 0.70 0.94 0.76 0.76 0.70 0.94 0.76 0.57 1.00 0.96 0.78 0.59 1.00 1.00 0.81 0.00 1.00 0.81 0.00 1.00 0.81 0.00 1.00 0.81 0.00 1.00 0.81 0.00 1.00 0.81 0.00 1.00 0.81 0.00 1.00 0.81 0.00 1.00 0.81 0.00 1.00 0.81 0.00 1.00 0.81 0.82 0.70 0.82 0.80 0.70 0.82 0.82 0.70 0.83 0.70 0.83 0.70 0.83 0.70 0.85 0.70 0.83 0.70 0.70 0.70 0.70 0.70 0.70 0.70 0.7			MBh	41.6	42.5	45.4	48.5	40.6	41.5	44.3	47.4				_	38.7	39.5	42.2	45.1	36.7	37.6		42.9	34.0 3	34.8	37.2	39.7
This bolinary Line Line			S/T	0.97	0.91	0.74	0.55	1.00	0.94	92.0	0.57				0.59	1.00	1.00	0.81	09.0	1.00	1.00		0.63	1.00 1	00.1	0.85 (0.63
1580 KW 2.81 287 2.96 3.04 3.01 3.07 3.16 3.26 3.16 3.25 3.36 3.45 3.34 3.41 3.52 3.36 3.45 3.65 3.46 3.65 3.46 3.46 3.46 3.46 3.46 3.46 3.46 3.46 3.46 3.46 3.46 3.46 3.46 3.46 3.47 3.46 3.4			Delta T	23	22	19	16	24	23	20	16	23	23	20	16	23	23	20	16	21	22	20	16	20	20	18	15
AWPS 125 12.7 13.1 13.6 13.9 14.4 14.3 14.5 14.9 15.4 15.4 15.4 15.4 15.4 15.4 15.4 15.4 15.4 15.4 15.4 14.5 14.5 14.5 14.5 15.4		1580	KW	2.81	2.87	2.95	3.04	3.01	3.07		3.26				\vdash		3.41	3.52	3.63	3.47	3.55		3.77	3.59 3	3.66	3.78	3.90
HIPR 230 247 261 272 258 277 293 305 293 315 333 347 334 359 359 379 395 375 404 427 160 PR 113 120 131 139 149 126 138 147 124 131 144 153 130 138 141 161 161 136 145 158 158 159 150 PR 113 120 131 139 149 125 138 142 131 144 153 130 138 141 141 141 141 151 141 141 141 141 141			AMPS	12.5	12.7	13.1	13.5	13.3	13.6	13.9	14.4		14.5		Н	15.1	15.4	15.8	16.3	15.9	16.2		17.2	16.7 1	17.0	7.5	18.1
MBh 40.4 41.3 44.1 47.1 39.4 40.3 43.1 46.0 38.5 39.3 42.0 44.9 37.6 38.4 41.0 41.0 41.3 44.1 47.1 39.4 40.3 43.1 46.0 38.5 39.3 42.0 44.9 37.6 38.4 41.0 41.0 41.3 44.1 47.1 39.4 40.3 43.1 46.0 38.5 39.3 42.0 44.9 37.6 38.4 41.0 41.0 41.3 41.1 41.1 41.1 41.4 41.8 41.3 41.1 41.4 41.8 41.3 41.3 41.1 41.4 41.8 41.3 41.3 41.3 41.3 41.3 41.3 41.3 41.4 41.8 41.3 41.			H R	230	247	261	272	258	277	293	305	293	315			334	328	379	395	375	404		445	415 4	, 944	471 ,	492
MBh 40.4 41.3 44.1 47.1 39.4 40.3 43.1 46.0 38.5 39.3 42.0 44.9 37.6 38.4 41.0 43.8 35.7 36.5 39.0 39. ST 0.92 0.86 0.70 0.53 0.95 0.89 0.73 0.54 0.98 0.92 0.75 0.56 1.00 0.95 0.77 0.58 1.00 0.98 0.80 0.80 Delta T 24 23 20 16 25 24 20 16 25 24 20 16 25 24 20 16 24 24 24 27 16 23 3.38 3.49 3.60 3.45 3.52 3.63 AMPS 12.4 12.6 13.0 13.4 13.2 13.5 13.8 14.3 14.1 14.4 14.8 15.3 15.0 15.3 15.0 15.3 15.0 15.3 15.0 15.3 15.0 14.0 14.0 14.4 14.8 15.3 15.0 15.3 15.0 15.3 15.3 15.3 15.3 15.0 15.0 15.0 15.0 15.0 15.0 15.0 15.0			LO PR	113	120	131	139	119	126	138	147	124	131	144	Н	130	138	151	161	136	145		168	. 141	150	163	174
ST 0.92 0.86 0.70 0.53 0.95 0.89 0.73 0.54 0.98 0.95 0.75 0.56 1.00 0.95 0.77 0.56 1.00 0.95 0.77 0.58 1.00 0.98 0.80 0.80 0.80 0.80 0.80 0.80 0			MBh	40.4	41.3	1.4	47.1		40.3	43.1	46.0				_		38.4	41.0	43.8	35.7	36.5		41.6	33.0	33.8	36.1	38.6
Delta T 24 23 20 16 25 24 20 16 25 24 20 16 25 24 20 16 25 24 20 16 25 24 20 20 16 24 24 24 24 24 25 3.83 3.49 3.60 3.45 3.60 3.60 3.45 3.60 3.60 3.40 3.60 3.60 3.40 3.60 3.60 3.40 3.60 3.60 3.60 3.60 3.60 3.60 3.60 3.6			S/T	0.92	0.86	0.70	0.53	0.95	0.89		0.54				<u> </u>		0.95	0.77	0.58	1.00	0.98		0.60	1.00) 66.0	0.81 (09.0
4410 KW 2.79 2.86 2.99 3.04 3.23 3.43 3.32 3.43 3.32 3.49 3.69 3.05 3.14 3.23 3.43 3.33 3.49 3.60 3.52 3.62 3.62 3.62 3.44 3.62 3.69 3.62 3.69 3.62 3.69 3.62 3.69 3.62 3.69 3.62 3.69 3.62 3.69 3.62 3.69 3.62 3.69 3.62 3.69 3.62 3.69 3.62 3.69 3.62 3.69 3.62 3.69 3.62 3.69 3.62 3.69 3.69 3.69 3.62 3.69 3.69 3.69 3.69 3.69 3.69 3.62 3.69 3.62 3.69 3.62 3.69 3			Delta T	24	23	20	16	25	24	20	16	25	24	20	16	24	24	21	16	23	23	20	16	22	22	19	15
AMPS 12.4 12.6 13.0 13.4 13.2 13.6 14.3 14.4 14.8 15.3 15.0 15.3 15.7 16.2 15.8 16.1 16.5 16.7 16.5 16.7 16.2 16.2 16.7 16.2 16.7 16.5 16.7 16.2 16.2 <th< th=""><th>8</th><td>1410</td><td>KW</td><td>2.79</td><td>2.85</td><td>2.93</td><td>3.02</td><td></td><td>3.05</td><td></td><td>3.23</td><td></td><td></td><td></td><td>H</td><td></td><td>3.38</td><td>3.49</td><td>3.60</td><td>3.45</td><td>3.52</td><td></td><td>3.74</td><td>3.56 3</td><td>3.63</td><td>3.75</td><td>3.87</td></th<>	8	1410	KW	2.79	2.85	2.93	3.02		3.05		3.23				H		3.38	3.49	3.60	3.45	3.52		3.74	3.56 3	3.63	3.75	3.87
HIPR 227 245 258 269 255 274 290 302 290 312 330 344 330 356 375 352 372 400 422 400 LOPR 111 119 129 138 118 125 137 146 122 130 142 151 129 137 149 159 137 140 129 138 118 125 137 146 122 130 142 151 129 137 149 159 137 149 159 137 140 129 137 140 120 142 121 121 121 121 121 121 121 121 121			AMPS	12.4	12.6	13.0	13.4	13.2	13.5	13.8	14.3				Н	15.0	15.3	15.7	16.2	15.8	16.1		17.1	16.6 1	16.9	17.4	18.0
LOPR 111 119 129 138 142 151 151 130 142 151 159 137 149 150 135 143 156 135 143 156 143 156 143 150 140 151 149 150 135 143 150 143 156 140 150 140 150 140 150 140 140 140 150 140 140 140 150 140 150 140 140 140 140 150 140 150 140 150 150 140 150 150 140 150 140 150 <th></th> <td></td> <td>HI PR</td> <td>227</td> <td>245</td> <td>258</td> <td>269</td> <td>255</td> <td>274</td> <td>290</td> <td>302</td> <td>290</td> <td>312</td> <td></td> <td></td> <td>330</td> <td>356</td> <td>375</td> <td>392</td> <td>372</td> <td>400</td> <td></td> <td>440</td> <td>411 4</td> <td>442</td> <td>467</td> <td>487</td>			HI PR	227	245	258	269	255	274	290	302	290	312			330	356	375	392	372	400		440	411 4	442	467	487
MBh 37.3 38.1 40.7 43.5 36.4 37.2 36.3 38.8 41.5 34.7 35.4 37.8 40.5 32.9 33.6 36.0 ST 0.89 0.83 0.68 0.70 0.52 0.94 0.88 0.72 0.54 0.97 0.91 0.74 0.56 1.01 0.96 0.77 DeltaT 2.5 2.3 2.0 16 2.5 2.4 2.1 1.7 2.5 2.4 2.1 1.7 2.5 2.4 2.1 1.7 2.5 2.4 2.1 1.7 2.5 2.4 2.1 1.7 2.5 2.4 2.1 1.7 2.5 2.4 2.1 1.7 2.5 2.4 2.1 1.7 2.5 2.4 2.1 1.7 2.5 2.4 2.1 1.7 2.5 2.4 2.1 1.7 2.5 2.4 2.1 2.7 2.4 2.1 2.7 2.1 2.2 2.4 <td< th=""><th></th><th></th><th>LO PR</th><th>111</th><th>119</th><th>129</th><th>138</th><th>118</th><th>125</th><th>137</th><th>146</th><th>122</th><th>130</th><th></th><th>151</th><th>129</th><th>137</th><th>149</th><th>159</th><th>135</th><th>143</th><th>156</th><th>167</th><th>139</th><th>148</th><th>162</th><th>172</th></td<>			LO PR	111	119	129	138	118	125	137	146	122	130		151	129	137	149	159	135	143	156	167	139	148	162	172
ST 0.89 0.83 0.68 0.51 0.92 0.86 0.70 0.52 0.94 0.88 0.72 0.54 0.97 0.91 0.74 0.56 1.01 0.95 0.77 0.77 0.84 0.89 0.72 0.84 0.97 0.97 0.91 0.74 0.56 1.01 0.95 0.77 0.74 0.58 0.77 0.74 0.58 0.77 0.74 0.58 0.77 0.74 0.58 0.77 0.74 0.58 0.77 0.74 0.58 0.77 0.74 0.58 0.77 0.74 0.58 0.77 0.74 0.58 0.77 0.74 0.75 0.75 0.75 0.75 0.75 0.75 0.75 0.75			MBh	37.3	38.1	40.7	43.5	36.4	37.2	_	42.5				ш		35.4	37.8	40.5	32.9	33.6		38.4	30.5	31.2	33.3	35.6
Delta T 25 23 20 16 25 24 21 17 25 24 21 17 25 24 21 17 25 24 21 17 25 24 21 25 24 21 17 25 28 20 216 3.09 3.15 3.25 3.35 3.24 3.31 3.41 3.51 3.24 3.31 3.41 3.54			S/T	0.89	0.83	0.68	0.51		98.0		0.52						0.91	0.74	0.56	1.01	0.95		0.58	1.02 C	0.96	0.78 (0.58
KW 2.73 2.86 2.96 2.92 2.98 3.07 3.16 3.09 3.15 3.25 3.35 3.24 3.31 3.41 3.51 3.37 3.44 3.54 3			Delta T	22	23	20	16	22	24	21	17	25	24	21	17	25	24	21	17	25	24	21	16	23	22	19	15
12.1 12.4 12.7 13.2 13.5 13.9 13.8 14.1 14.5 14.9 14.9 15.3 15.8 15.4 15.7 16.2 <td< th=""><th></th><td>1240</td><td>KW</td><td>2.73</td><td>2.78</td><td>2.86</td><td>2.95</td><td>2.92</td><td>2.98</td><td></td><td>3.16</td><td></td><td></td><td></td><td>Н</td><td></td><td>3.31</td><td>3.41</td><td>3.51</td><td>3.37</td><td>3.44</td><td></td><td>3.65</td><td>3.48 3</td><td>3.55</td><td>3.66</td><td>3.77</td></td<>		1240	KW	2.73	2.78	2.86	2.95	2.92	2.98		3.16				Н		3.31	3.41	3.51	3.37	3.44		3.65	3.48 3	3.55	3.66	3.77
220 237 251 261 247 266 281 293 281 303 320 333 320 345 364 380 360 388 410 108 115 126 134 114 121 133 141 119 126 138 147 125 133 145 154 131 139 152			AMPS	12.1	12.4	12.7	13.1	12.9	13.2	13.5	13.9				_	14.6	14.9	15.3	15.8	15.4	15.7		16.7	16.2 1	16.5	17.0	17.5
108 115 126 134 114 121 133 141 119 126 138 147 125 133 145 154 131 139 152			HI PR	220	237	251	261	247	266	281	293	281	303		-	320	345	364	380	360	388		427	398	429	453 ,	472
20. 00. 10. 10. 01. 02. 02. 11. 00. 12. 11. 10. 02. 12. 11. 10. 10. 10. 10. 10. 10. 10. 10. 10			LO PR	108	115	126	134	114	121	133	141	119	126	138	147	125	133	145	154	131	139	152	162	135	144	157	167

MBH 423 451 452 462 413 421 421 421 421 421 431 439 401 420 426 418 374 381 390 428 376 394 394 395 390 395 390 395 390 395 390																						
MBH 423 481 462 482 413 421 441 441 471 403 41.1 431 450 394 401 420 448 374 836 394 26 394 635 000 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	39.4	0.82	19	3.93	18.3	496	176	38.3	0.78	20	3.90	18.1	492	174	35.4	0.75	20	3.80	17.7	477	169	
MBH 423 481 452 482 413 421 441 471 403 411 431 459 461 420 448 374 381 389 420 481 410	37.0	1.00	22	3.81	17.7	476	165	32.9	0.96	23	3.78	17.5	471	163	33.1	0.93	23	3.69	17.1	457	159	
MBh 423 43.1 45.2 482 41.3 42.1 44.1 47.1 40.3 41.1 43.1 45.9 49.4 40.1 42.0 44.8 37.4 48.0 71.0 0.099 0.089 0.089 0.08 0.07 1.00 0.091 0.091 0.091 0.091 0.097 0.091 0.0	35.3	1.00	21	3.69	17.2	451	151	34.3	1.00	22	3.66	17.0	446	150	31.6	1.00	23	3.58	16.6	433	145	
MBh 423 431 452 482 413 421 441 471 403 411 415 459 401 420 446 410	34.6	1.00	20	3.62	16.8	419	142	33.6	1.00	22	3.59	16.7	415	141	31.0	1.00	23	3.50	16.3	402	136	
MBh 42.3 48.1 45.2 48.2 41.3 42.1 44.1 47.1 40.3 41.1 43.1 45.9 39.4 40.1 42.0 0.97 70.8 1.00 1.00 0.99 40.1 45.0 1.00 0.99 40.1 42.0 1.0 1.00 0.99 40.1 42.0 1.0 1.00 0.99 40.1 42.0 1.0 1.00 0.99 40.1 42.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1	42.6	0.81	20	3.80	17.4	449	170	41.3	0.78	21	3.77	17.2	445	168	38.2	0.75	21	3.68	16.8	432	163	
Meh 42.3 43.1 45.2 48.2 41.3 42.1 44.1 47.1 40.3 41.1 43.1 45.9 39.4 40.1 42.0 44.8 37.4 10.0 1.00 0.94 0.76 1.00 0.99 0.89 0.89 0.71 1.00 1.00 0.91 0.74 1.00 1.00 0.94 0.76 1.00 0.99 0.97 0.78 1.00 0.94 0.76 1.00 0.99 0.89 0.79 0.79 0.79 0.79 0.79 0.79 0.79 0.7	39.9	1.00	23	3.68	16.8	431	160	38.8	0.96	24	3.66	16.7	427	158	35.8	0.92	24	3.57	16.3	414	153	
MBh 42.3 43.1 45.2 48.2 41.3 42.1 47.1 40.3 41.1 43.1 45.9 39.4 40.1 42.0 44.8 ST 1.00 0.98 0.88 0.71 1.00 1.00 0.91 0.74 1.00 1.00 0.94 0.76 1.00 0.97 0.78 LSS 1.00 1.00 1.00 0.91 0.74 1.00 1.00 0.94 0.76 1.00 0.97 0.78 AMPS 12.6 12.8 13.2 13.6 13.4 13.7 14.0 14.5 14.4 14.7 15.1 15.5 15.2 15.9 16.4 HI PR 232 250 263 275 260 280 286 318 326 33.1 44.5 13.7 14.0 13.8 13.8 14.8 13.7 14.0 13.8 14.4 17.1 13.9 13.2 13.8 MBh 41.1 41.9 43.9 46.8 40.1 40.9 42.8 42.8 28.0 28.9 28.9 28.9 28.9 28.9 28.9 28.9 28.9 28.9 MBK 41.1 41.9 43.9 46.8 40.1 40.9 42.8 42.7 28.9 28	38.1	1.00	22	3.57	16.3	408	146	37.0	1.00	24	3.55	16.2	404	145	34.2	1.00	22	3.46	15.8	392	140	
MBh 42.3 43.1 45.2 48.2 41.3 42.1 44.1 47.1 40.3 41.1 43.1 45.9 39.4 40.1 42.0 ST 1.00 0.98 0.88 0.71 1.00 1.00 0.91 0.74 1.00 1.00 0.94 0.76 1.00 1.00 0.97 Delta	37.4	1.00	22	3.50	16.0	379	137	36.3	1.00	24	3.47	15.9	375	136	33.5	1.00	25	3.39	15.5	364	132	
MBh 42.3 48.1 45.2 48.2 41.3 42.1 44.1 47.1 40.3 41.1 43.1 45.2 46.2 ST	44.8	0.78	20	3.65	16.4	366	162	43.5	0.75	21	3.63	16.3	395	161	40.2	0.72	21	3.54	15.9	384	156	
MBh 42.3 48.1 45.2 48.2 41.3 42.1 44.1 47.1 40.3 41.1 43.1 45.2 46.2 ST	42.0	0.97	24	3.54	15.9	383	152	40.8	0.92	25	3.52	15.8	379	151	37.7	0.89	25	3.43	15.4	368	146	n power
MBh 42.3 48.1 45.2 48.2 41.3 42.1 44.1 47.1 40.3 41.1 43.1 45.2 46.2 ST	40.1	1.00	23	3.44	15.5	363	139	39.0	1.00	22	3.41	15.4	329	138	36.0	0.98	26	3.33	15.0	348	134	tal systen
MBh 42.3 48.1 45.2 48.2 41.3 42.1 44.1 47.1 40.3 41.1 43.1 45.2 46.2 ST	39.4	1.00	23	3.37	15.2	337	131	38.2	1.00	52	3.34	15.1	334	130	35.3	1.00	56	3.26	14.7	324	126	KW = To
MBh 42.3 43.1 45.2 482 41.3 42.1 44.1 47.1 40.3 41.1 ST 1.00 0.98 0.88 0.71 1.00 0.91 0.74 1.00 1.00 ST 1.00 0.98 0.88 0.71 1.00 0.91 0.74 1.00 1.00 Delta T 25 24 23 20 24 25 23 20 23 24 AMPS 12.6 12.8 13.2 13.6 13.4 13.7 14.0 14.5 14.4 14.7 HI PR 232 250 263 275 260 286 308 296 318 LO PR 114 121 132 141 120 128 139 149 125 133 MBh 41.1 41.9 43.9 46.8 40.1 40.9 42.8 45.7 39.2 39.9 AMPS 12.6 2.5 24 21 26 26 24 21 26 26 LO PR 113 120 131 135 13.3 13.6 13.9 14.4 14.3 14.5 HI PR 230 247 261 272 258 277 293 305 293 315 LO PR 113 120 131 135 13.3 13.6 13.9 14.4 13.1 13.1 MBh 37.9 38.6 40.5 43.2 37.0 37.7 39.5 29.5 36.9 ST 0.93 0.90 0.81 0.96 0.93 0.94 0.98 0.95 ST 0.93 0.90 0.81 0.96 0.93 0.94 0.98 0.95 ST 0.93 0.90 0.81 0.96 0.93 0.94 0.98 0.95 LO PR 113 120 131 130 130 3.05 2.94 0.98 0.95 LO PR 122 12.5 12.8 13.2 13.6 13.9 14.0 13.9 14.2 AMPS 12.2 12.5 12.8 13.2 13.6 13.6 14.0 13.9 14.2 LO PR 109 116 127 136 145 143 140 13.9 14.2 LO PR 109 116 127 136 14.5 14.4 14.3 14.5 LO PR 109 116 127 136 14.6 138 14.0 13.9 14.2 NOTE: Shaded areas is AHRI Rating Conditions.	45.9	0.76	20	3.48	15.5	351	154	44.6	0.72	21	3.45	15.4	347	153	41.2	0.70	21	3.37	15.1	337	148	
MBh 42.3 43.1 45.2 48.2 41.3 42.1 d. Grid of the strength of t	43.1	0.94	23	3.38	15.1	336	145	41.8	0.89	24	3.35	14.9	333	144	38.6	98.0	25	3.27	14.6	323	139	rature
MBh 42.3 43.1 45.2 48.2 41.3 42.1 4.5 Syr	41.1	1.00	24	3.28	14.7	318	133	39.9	0.99	56	3.25	14.5	315	131	36.9	0.95	26	3.18	14.2	306	128	Tempe
MBh 42.3 43.1 45.2 48.2 41.3 42.1 4.5 Syr	40.3	1.00	23	3.21	14.4	296	125	39.2	1.00	56	3.19	14.3	293	124	36.2	0.99	27	3.11	13.9	284	120	ry Bulb
MBh 42.3 43.1 45.2 48.2 41.3 42.1 4.5 Syr	47.1	0.74	20	3.28	14.5	308	149	45.7	0.71	21	3.26	14.4	305	147	42.2	0.68	21	3.18	14.0	296	143	ndoor [
MBh 42.3 43.1 45.2 48.2 41.3 ST	14.1	0.91	23	3.19	14.0	296	139	42.8	0.87	24	3.16	13.9	293	138	39.5	0.84	25	3.09	13.6	284	134	l fering l
MBh 42.3 43.1 45.2 48.2 ST 1.00 0.98 0.88 0.71 Delta T 25 24 23 20 KW 2.88 2.89 2.97 3.06 AMPS 12.6 12.8 13.2 13.6 HI PR 232 250 263 275 LO PR 114 121 132 141 MBh 41.1 41.9 43.9 46.8 ST 0.96 0.93 0.84 0.68 Delta T 26 25 24 21 LO PR 113 120 131 135 HI PR 230 247 261 272 LO PR 113 120 131 139 MBh 37.9 36.6 40.5 43.2 ST 0.98 0.90 0.81 0.66 Delta T 26 26 24 21 LO PR 113 120 131 136 MBh 37.9 36.6 40.5 43.2 ST 0.98 0.90 0.81 0.66 Delta T 26 26 24 21 AMPS 12.5 12.7 13.1 13.6 HI PR 230 247 261 272 ST 0.98 0.90 0.81 0.66 Delta T 26 26 24 21 AMPS 12.2 12.5 12.8 13.2 HI PR 22.3 240 253 264 LO PR 109 116 127 13.5	42.1	1.00	25	3.09	13.7	280	128	40.9	96.0	26	3.07	13.6	277	126	37.7	0.93	26	3.00	13.3	569	123	IDB: Er
MBh 42.3 43.1 45.2 SyT 1.00 0.98 0.88 Delta T 25 24 23 KW 2.83 289 2.97 AMPS 12.6 12.8 13.2 HI PR 232 250 263 LO PR 114 121 132 MBh 41.1 41.9 43.9 SyT 0.96 0.93 0.84 Delta T 26 25 24 1410 KW 2.81 287 2.95 AMPS 12.5 12.7 13.1 HI PR 230 247 261 LO PR 113 120 131 LO PR 113 120 131 MBh 37.9 38.6 40.5 SyT 0.93 0.90 0.81 Delta T 26 26 24 1240 KW 2.75 280 2.89 AMPS 12.2 12.5 12.8 HI PR 23 240 253 HI PR 223 240 253 HI PR 223 240 253 HI PR 223 240 253 LO PR 109 116 127	41.3	1.00	24	3.03	13.4	260	120	40.1	1.00	56	3.01	13.3	258	119	37.0	96'0	56	2.94	13.0	250	115	
	482	0.71	20	3.06	13.6	275	141	46.8	0.68	21	3.04	13.5	272	139		99.0	21	2.97	132	264	135	ions
	45.2	0.88	23	2.97	13.2	263	132	43.9		24	2.95	13.1	261	131	40.5	0.81	24	2.89	12.8	253	127	g Condit
	43.1	0.98	24	2.89	12.8	250	121	41.9	0.93	25	2.87	12.7	247	120	38.6	0.90	26	2.80	12.5	240	116	l Rating
	42.3	1.00	25	2.83	12.6	232	114	41.1	96.0	26	2.81	12.5	230	113	37.9	0.93	26	2.75	12.2	223	109	is AHR
	MBh	S/T	Delta T	KW	AMPS	H K	LO PR	MBh	S/T	Delta T	KW	AMPS	H K	LO PR	MBh	S/T	Delta T	KW	AMPS	표	LO PR	naded areas
				1580							1410	<u> </u>						1240				VOTE: Sh
8											82											*

* NOTE: Shaded areas is AHRI Rating Conditions High and low pressures are measured at the liquid and suction access fittings.

KW = 1 dal system power AMPS: Unit amps (comp.+ evaporator + condenser fan motors)

GPC1348H41BA

COOLING OPERATION

EXPANDED PERFORMANCE DATA

TO MODEL: GPC1348H41**

Design Subcooling, 12±3 °F @ the liquid access fitting connection AHRI 95 test conditions. Design Superheat 8±3 °F @ the compressor suction access fitting connection.

	115		63 67 71	37.8 41.4 -	0.73 0.51 -	14 11 -	4.16 4.29 -	18.9 19.5 -	454 480 -	148 162 -	36.7 40.2 -	0.70 0.49 -	15 11 -	4.12 4.25 -	18.8 19.3 -	450 475 -	147 160 -	33.9 37.1 -	0.68 0.47 -	15 11 -	4.03 4.15 -	18.3 18.9 -	436 461 -	143 156 -
			29 6	36.5 37	.0 88.0	16 1	4.07 4.	18.5 18	422 4	139 14	35.4 36	.0 84 0.	17 1	4.04 4.	18.4 18	418 4	138 14	32.7 33	0.81	17 1	3.95 4.	18.0 18	406 4%	134 14
			7 71	- 2	- 09	12 -	4.15 -	18.5 -	434 -	- /6	43.4 -	- 81	12 -	4.12 -	18.4 -	- 08	· 92	- 1:	0.46 -	12 -	4.02 -	18.0 -	417 -	150 -
	105		63 67	40.8 44.7	0.73 0.50	15 1	4.03 4.	18.0 18	411 4:	143 157	39.6 43	0.69 0.48	16 1	4.00 4.	17.9 18	407 430	142 155	36.6 40.1	0.67 0.	16 1	3.90 4.	17.5 18	395 4	138 1
			29	39.4	0.87	18	3.95	17.7	382	135	38.3	0.83	18	3.92	17.5	378	134	35.3	08'0	19	3.82	17.1	367	130
			67 71	47.1 -	- 0.49	12 -	3.99	17.6 -	- 988	149 -	- 45.7	- 0.46	12 -	3.96	17.4 -	382 -	148 -	42.2 -	0.45	12 -	3.87	17.0 -	371 -	144 -
erature	92	perature	83 6	43.0 47	0.70 0.	15 1	3.87 3.	17.1 17	366 38	137 1	41.7 4	0.67	16 1	3.85 3.	17.0 17	362 34	136 14	38.5 42	0.65 0.	16 1	3.76 3.	16.6 17	351 3	131 14
Outdoor Ambient Temperature		Entering Indoor Wet Bulb Temperature	29	41.5	0.84	18	3.80	16.8	340	129	40.3	0.80	19	3.77	16.6	336	127	37.2	0.77	19	3.68	16.2	326	124
door Amb		door Wet	67 71	.3	4	2 -	31 -	- 93	- 6	- 71	- 6	12 -	2 -	- 82	- 5	- 9	- 11	.3	13 -	2 -	· - 60	1	- 93	- 4
O	82	Entering In	.9 29	44.1 48.3	0.68 0.47	15 12	3.70 3.81	16.2 16.6	321 339	130 142	42.8 46.9	0.65 0.45	16 12	3.67 3.78	16.0 16.5	318 336	129 141	39.5 43.3	0.63 0.43	16 12	3.59 3.69	15.7 16.1	308 326	125 137
		_	29	42.5	0.81	18	3.62	15.9	298	123	41.3	0.78	18	3.60	15.7	295	121	38.1	0.75	19	3.52	15.4	286	118
			67 71	49.5	0.46 -	12 -	3.60 -	15.5 -	- 268	137 -	- 48.0	0.44 -	12 -	3.57	15.4 -	295 -	136 -	44.3 -	0.42 -	12 -	3.49 -	15.0 -	- 286	131 -
	75		63	45.1 4	99.0	15	3.49	15.1	282	125 1	43.8	0.63	16	3.47	15.0	279	124 1	40.4	0.61 0	16	3.39 3	14.7 1	271 2	120 1
			29	43.5	0.79	18	3.43	14.8	792	118	42.3	92'0	18	3.40	14.7	260	117	39.0	0.73	19	3.33	14.4	252	113
			67 71	- 9.09	0.44 -	- 11	3.36 -	14.5 -	- 266	130 -	49.2	0.42	12 -	3.34 -	14.4 -	263 -	128 -	45.4 -	0.41 -	12 -	3.26 -	14.1 -	255 -	124 -
	92		63	46.2	0.64 (15	3.27	14.2	252	119	44.9	0.61	16	3.24	14.1	249	118	41.4	0.59	16	3.17	13.8	242	114
			29	44.6	0.77	T 17	3.20	13.9	234	112	43.3	0.73	T 18	3.18	13.8	231	110	40.0	0.70	T 18	3.11	13.5	224	107
			,	MBh	S/T	Delta T	KW	AMPS	HI PR	LO PR	MBh	Z/S	Delta T	KW	AMPS	H R	LO PR	MBh	Z/S	Delta T	ΚW	AMPS	HR	LO PR
			* Airflow				1800							1600							1400			
			IDB*											2										

		MBh	45.3	46.7	50.5	50.5 542	44.3	45.6	49.4	53.0	43.2	44.5	48.2	51.7	42.2	43.4	47.0	50.4	40.1	41.3	44.7	47.9	37.1	38.2	41.4	44.4
		SVT	0.87	0.78	0.59	0.38	0.00	0.81	0.61	0.39	0.93	0.83	0.63	0.40	96.0	0.85	0.65	0.42	66.0	0.89	0.67	0.43	1.00 (0.89	0.68	0.44
		Delta T	20	19	15	11	20	19	15	11	20	19	15	11	21	19	16	11	20	19	15	11	19	17	14	10
	1800	ΚM	3.23	3.29	3.38	3.48	3.45	3.52	3.62	3.73	3.65	3.73	3.84	3.95	3.83	3.91	4.02	4.15	3.98	4.06	4.18	4.31	4.10 4	4.19	4.32 4	4.46
		AMPS	14.0	14.3	14.7	15.1	14.9	15.2	15.6	16.1	16.0	16.3	16.7	17.3	16.9	17.2	17.7	18.3	17.8	18.2	18.7	19.3	18.7	19.1	19.6	20.3
		H K	236	254	268	280	265	285	301	314	301	324	342	327	343	369	330	407	386	415	439	458	427	459	485 (909
		LO PR	113	120	131	139	119	127	138	147	124	132	144	153	130	138	151	161	136	145	158	169	141	150	164	174
_		MBh	44.0	45.3	49.1	52.7	43.0	44.3	47.9	51.4	42.0	43.2	46.8	50.2	41.0	42.2	45.6	49.0	38.9	40.1	43.4	46.5	36.0	37.1	40.2	43.1
		SyT	0.83	0.74	0.74 0.56	0.36	0.86 0.77	0.77	0.58	0.37	0.88	0.79	09.0	0.38	0.91	0.82	0.62	0.40	0.95	0.85	0.64	0.41	0.95 (0.85	0.65 (0.42
		Delta T	21	19	16	11	21	20	16	11	21	20	16	11	21	20	16	11	21	19	16	11	20	18	15	10
75	1600	ΚM	3.21	3.27	3.36	3.46	3.43	3.50	3.60	3.71	3.62	3.70	3.81	3.92	3.80	3.88	3.99	4.12	3.95	4.03	4.15	4.28	4.07	4.16	4.29 4	4.42
		AMPS	13.9	14.2	14.5	15.0	14.8	15.1	15.5	16.0	15.9	16.2	16.6	17.1	16.8	17.1	17.6	18.1	17.7	18.0	18.5	19.1	18.5	18.9	19.5	20.1
		H R	234	252	266	277	762	282	298	311	298	321	336	354	340	366	386	403	382	411	434	453	422	454	480 (501
		LO PR	112	119	130	138	118	125	137	146	123	130	142	152	129	137	149	159	135	144	157	167	140	148	162	173
		MBh	40.6	41.8	45.3	48.6	268	40.9	44.2	47.5	38.7	39.9	43.2	46.3	37.8	38.9	42.1	45.2	35.9	37.0	40.0	42.9	33.3	34.2	37.1	39.8
		S/T	0.80	0.72	0.54	0.35	0.83	0.74	0.56	0.36	0.85	0.76	0.58	0.37	0.88	0.79	0.59	0.38	0.91	0.82	0.62	0.40	0.92 (0.82	0.62 (0.40
		Delta T	21	20	16	11	22	20	16	11	22	20	16	11	22	20	16	11	22	20	16	11	20	19	15	10
	1400	ΚW	3.14	3.20	3.29	3.38	3.35	3.42	3.52	3.62	3.54	3.61	3.72	3.83	3.71	3.79	3.90	4.02	3.85	3.93	4.05	4.18	3.98	4.06	4.18 4	4.32
		AMPS	13.6	13.9	14.2	14.7	14.5	14.8	15.2	15.6	15.5	15.8	16.2	16.7	16.4	16.7	17.2	17.7	17.2	17.6	18.1	18.7	18.1	18.5	19.0	19.6
		HI PR	227	244	258	269	254	274	289	302	289	311	329	343	330	322	375	391	371	366	421	439	410	441	466 ,	486
		LO PR	108	115	126	134	114	122	133	141	119	126	138	147	125	133	145	154	131	139	152	162	135	144	. 151	167
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NOTE: Shaded area is ACCA (TVA) conditions High and low pressures are measured at the liquid and suction access fittings. * IDB: Entering Indoor Dry Bulb Temperature

GPC1348H41BA

COOLING OPERATION

EXPANDED PERFORMANCE DATA

MODEL: GPC1348H41**

Design Subcooling, 12±3 °F @ the liquid access fitting connection AHRI 95 test conditions. Design Superheat 8±3 °F @ the compressor suction access fitting connection.

												כ	Out door /	Ambient		i erri perature									
				65	2			75				85				92				105				115	
											Ф	ntering	Indoor	Wet Bu	Entering Indoor Wet Bulb Temperature	erature									
*BQI	Airflow		69	63	29	71	29	63	29	71	29	63	2 29	71	29 (ස	29	71	29	63 (. 29	71	29 6	63 67	7 71
		MBh	46.1	47.2	50.4	53.9	45.1	46.1	49.2	52.6	44.0 4	45.0 4	48.0 5	51.4 4,	42.9 4	43.9	46.9	50.1	40.8 4	41.7 4	44.5 4	47.6 37	7.8 38.	9	41.2 44.
		SYT	96'0	0.90	0.73	0.55	1.00	0.93	0.76	0.56	1.00 0	0.95 0	0.78 0.	0.58	.00	00.	08.0	09.0	1.00.1	0 00'	0.83 0	0.62	.00	.00 0.84	34 0.63
		Delta T	23	22	19	15	23	22	19	15	22	22	19 1	15	22	22	19	15	21		, 61	15 1	19 2	20 1	18 14
	1800	KW	3.25	3.31	3.41	3.51	3.48	3.55	3.65	3.76	3.68 3	3.75 3	3.87 3.	86	3.86 3.	94	4.06	4.18	4.01 4	4.09 4	4.22 4.	4.35 4.	14 4	.22 4.35	35 4.49
		AMPS	14.1	14.4	14.8	152	15.0	15.3	15.7	16.2	16.1 1	16.4 1	16.9 1	17.4 1	17.0 1	17.4	17.9	18.4	17.9 1	18.3 1	18.8 19	19.4	18.8 19.3	2	19.8 20.4
		HI PR	238	257	271	283	268	288	304	317	304	328	346 3	361 3	347 3	373	394	411	390 4	420 4	443 4	462 4	431 4	464 490	0 511
		LO PR	114	121	132	141	120	128	140	149	125 1	133 1	145 1	155 1	131 1	140	153	162	138 1	146 1	160 1	1 70 1	142 1	151 16	165 176
		MBh	44.8	45.8	48.9	52.3	43.8	44.7	47.8	51.1	42.7 4	43.7 4	46.6 49	49.9	41.7 4	42.6	45.5	48.6	39.6 4	40.5 4	43.2 4	46.2 36	36.7 37	37.5 40	40.0 42.8
		S√	0.91	0.85	0.70	0.52	0.94	0.89	0.72	0.54	0.97 0	0.91 0	0.74 0.	0.55 1.	1.00 0	0.94	92.0	. 250	1.00 0	0.97 0	0.79 0.	0.59 1.	1.00 0.	.98 0.80	30 0.60
		Delta T	23	22	20	16	24	23	20	16	24	23	20 1	16 2	24	23	20	16	23	23	20	16 2	21 2	21 1	18 15
8	1600	KW	3.23	3.29	3.38	3.48	3.45	3.52	3.62	3.73	3.65 3	3.73 3	3.84 3.	3.95 3.	3.83 3	3.91	4.02	4.15	3.98 4	4.06 4	4.18 4.	4.31 4.	4.11 4.	4.19 4.32	32 4.46
		AMPS	14.0	14.3	14.7	15.1	14.9	15.2	15.6	16.1	16.0 1	16.3 1	16.7 1	17.3 10	16.9	17.2	17.7	18.3	17.8 1	18.2 1	18.7 19	19.3	18.7 19	9.1 19	19.6 20.3
		HI PR	236	254	268	280	265	285	301	314	301	324	342 3	357 3	343 3	369	390	407	386	415 4	439 4	458 4	427 4	459 48	485 506
		LO PR	113	120	131	139	119	127	138	147	124 1	132 1	144	153 1	130 1	138	151	161	136 1	145 1	58 1	69	141 1	50 16	164 174
		MBh	41.4	42.3	45.1	48.3	40.4	41.3	44.1	47.1	39.4 4	40.3 4	43.0 4	46.0 3	38.5 3	39.3	42.0	44.9	36.5 3	37.3 3	39.9 4;	42.6	33.9 34	34.6 37	37.0 39.5
		S/T	88'0	0.82	0.67	0.50	0.91	0.85	0.70	0.52 0	0.93 0	0.88 0	0.71 0.	0.53 0.	0.96.0	0.90	0.74	0.55	1.00 0	0.94 0	0.76 0.	0.57	.01 0.	.95 0.77	77 0.58
		Delta T	24	23	20	16	24	23	20	16	24	23	20 1	16 2	24	23	20	16	24	23	, 02	16 2	22 2	21 1	19 15
	1400	KW	3.16	3.22	3.31	3.41	3.38	3.44	3.54	3.65	3.57 3	3.64 3	3.75 3.	3.86	3.74 3	3.82	3.93	4.05	3.88 3	3.96 4	4.08 4.	4.21 4.	4.01 4.	4.09 4.3	22 4.35
		AMPS	13.7	14.0	14.3	14.8	14.6	14.9	15.3	15.7	15.6 1	15.9 1	16.4 10	16.9	16.5 1	16.8	17.3	17.9	17.4 1	17.7 1	18.2 1	18.8 18	18.2 18.	9	19.2 19.8
		H PR	229	246	260	271	257	277	292	305	292	315	332 3	346 3	333 3	358	378	395	375 4	403 4	426 4	444 4	414 4	445 470	.0 490
		LO PR	109	116	127	135	116	123	134	143	120 1	128	139 1	149 1	126 1	134	146	156	132 1	141 1	154 1	63 1	137 1	145 159	9 169

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43.8	0.81	18	4.53	20.6	516	178	42.5	0.77	19	4.49	20.4	511	176	39.2	0.75	19	4.38	20.0	495	171	
41.0	1.00	21	4.39	20.0	495	167	39.8	0.96	22	4.35	19.8	490	165	36.8	0.92	22	4.25	19.3	475	160	
39.2	1.00	20	4.26	19.4	468	153	38.0	1.00	22	4.22	19.2	464	151	35.1	1.00	23	4.12	18.8	450	147	
38.4	1.00	20	4.17	19.0	435	144	37.3	1.00	21	4.14	18.8	431	142	34.4	1.00	23	4.04	18.4	418	138	
47.3	0.81	19	4.38	19.6	467	172	45.9	0.77	20	4.35	19.4	462	170	42.4	0.74	21	4.24	19.0	448	165	
44.3	0.99	22	4.25	19.0	448	161	43.0	0.95	23	4.22	18.8	443	160	39.7	0.91	24	4.12	18.4	430	155	
42.3	1.00	22	4.12	18.5	424	148	41.1	1.00	24	4.09	18.3	420	146	37.9	1.00	25	3.99	17.9	407	142	
41.5	1.00	21	4.04	18.1	394	139	40.3	1.00	23	4.01	17.9	390	138	37.2	1.00	24	3.91	17.5	378	133	
49.7	0.78	20	421	18.6	415	164	48.3	0.74	21	4.18	18.4	411	162	44.6	0.71	21	4.08	18.0	336	158	
46.6	96.0	23	4.09	18.0	398	154	45.3	0.91	24	4.06	17.9	394	153	41.8	0.88	24	3.96	17.4	382	148	n power
44.5	1.00	23	3.97	17.5	377	141	43.2	1.00	22	3.94	17.4	373	140	39.9	0.97	26	3.84	17.0	362	136	KW = Total system power
43.7	1.00	22	3.89	17.1	320	133	42.4	1.00	24	3.86	17.0	347	131	39.1	1.00	56	3.77	16.6	336	127	KW = To
51.0	0.75	20	4.02	17.5	364	156	49.5	0.72	20	3.98	17.4	361	155	45.7	69.0	21	3.89	17.0	320	150	
47.8	0.93	23	3.90	17.0	349	147	46.4	0.88	24	3.87	16.9	346	145	42.8	0.85	24	3.78	16.5	332	141	rature
45.6	1.00	23	3.78	16.5	331	134	44.3	0.98	25	3.75	16.4	328	133	40.9	0.94	25	3.67	16.0	318	129	Tempe
44.8	1.00	23	3.71	16.2	307	126	43.5	1.00	22	3.68	16.1	304	125	40.1	0.98	26	3.60	15.7	295	121	Jry Bulb
52.2	0.73	20	3.79	16.4	320	150	20.7	0.70	20	3.76	16.2	317	149	46.8	0.67	21	3.68	15.9	308	144	ring Indoor Dry Bulb Temperature
49.0	0.90	23	3.68	15.9	307	141	47.5	0.86	24	3.65	15.7	304	140	43.9	0.83	24	3.57	15.4	295	136	ntering
46.7	1.00	24	3.57	15.4	291	129	45.4	96.0	25	3.55	15.3	288	128	41.9	0.92	25	3.47	15.0	279	124	IDB: Ente
45.9	1.00	23	3.50	15.1	270	121	44.5	0.99	25	3.48	15.0	268	120	41.1	0.95	26	3.40	14.7	260	117	
53.5	0.71	19	3.54	15.3	285	142	51.9	0.67	20	3.51	152	283	141	47.9	0.65	20	3.43	14.9	274	137	tions
50.1	0.87	22	3.43	14.9	274	134	48.7	0.83	23	3.41	14.8	271	132	44.9	0.80	24	3.33	14.4	263	128	g Condi
47.9	0.97	24	3.34	14.5	259	122	46.5	0.92	25	3.31	14.4	257	121	42.9	0.89	25	3.24	14.1	249	117	Ratin (
47.0	1.00	24	3.28	14.2	241	115	45.6	0.36	25	3.25	14.1	238	114	42.1	0.92	25	3.18	13.8	231	110	s is AHF
MBh	S/T	Delta T	ΚM	AMPS	H PR	LO PR	MBh	S/T	Delta T	ΚM	AMPS	H PR	LO PR	MBh	S/T	Delta T	ΚW	AMPS	HI PR	LO PR	aded area
			1800					1		1600							1400				NOTE: Shaded areas is AHRI Rating Conditions
										82											*
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NOIE: Shaded areas is AHRI Rating Conditions
High and low pressures are measured at the liquid and suction access fittings.

kwy = 1 αal system power AMPS: Unit amps (comp.+ evaporatα + condenser fan motors)

GPC1360H41BA

COOLING OPERATION

EXPANDED PERFORMANCE DATA

Design Subcooling, 12±3 °F @ the liquid access fitting connection AHRI 95 test conditions. Design Superheat 8±3 °F @ the compressor suction access fitting connection.

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			71		-								-	-		-				-			-	-
	115		29	52.4	0.50	12	5.48	26.3	478	159	50.9	0.48	12	5.43	26.1	473	157	46.9	0.46	12	5.29	25.4	459	152
	1,		63	47.8	0.72	15	5.30	25.5	453	145	46.4	69.0	16	5.25	25.3	448	144	42.8	99.0	16	5.12	24.7	435	140
			29	46.1	0.86	18	5.18	25.0	421	137	44.8	0.82	18	5.14	24.8	417	135	41.3	0.79	19	5.01	24.2	404	131
			71		1	-	-	-	ı				1	-	-	-	-	-	1	1	1	-	•	•
	2		29	29.2	0.49	12	5.29	25.0	433	153	54.9	0.47	13	5.24	24.8	428	152	50.7	0.45	13	5.11	24.2	416	147
	105		63	51.6	0.71	16	5.12	24.3	410	141	50.1	0.68	17	5.08	24.1	406	139	46.2	99.0	17	4.95	23.6	394	135
			29	49.8	0.85	19	5.01	23.8	381	132	48.3	0.82	20	4.97	23.7	377	131	44.6	62'0	20	4.84	23.1	366	127
			71		-	-	-	-	-	-			-	-	-	-		-	-	-	-	-	-	-
		е	29	59.5	0.48	12	5.07	23.7	382	146	8.73	0.45	13	5.03	23.6	381	145	53.3	0.44	13	4.90	23.0	369	141
Outdoor Ambient Temperature	92	Entering Indoor Wet Bulb Temperature	ස	54.3	69.0	16	4.91	23.1	364	134	52.7	99.0	17	4.87	22.9	361	133	48.7	0.63	17	4.75	22.4	320	129
ent Tem		Bulb Teı	29	52.4	0.82	19	4.80	22.6	339	126	50.9	0.79	20	4.76	22.5	332	125	47.0	92.0	20	4.65	22.0	325	121
r Ambi		or Wet	71		-	-	-	-	-	-			-	-	-	-	-	-	-	-	-	-	-	-
Outdoo	2	gIndoc	29	61.0	0.46	12	4.82	22.5	338	139	59.2	0.44	13	4.78	22.3	334	138	54.7	0.42	13	4.66	21.8	324	134
	85	Enterin	63	22.7	0.67	16	4.66	21.9	320	128	54.1	0.64	17	4.63	21.7	317	126	49.9	0.61	17	4.51	21.2	307	123
			29	53.7	0.80	19	4.56	21.4	297	120	52.2	0.76	20	4.53	21.3	294	119	48.1	0.73	20	4.42	20.8	285	115
			7.1		-	-	-	-	-				-	-	-	-	1	-	-	-	-	-	-	-
	2		29	62.5	0.45	12	4.53	21.0	297	134	2.09	0.43	13	4.49	20.8	294	133	56.0	0.41	13	4.38	20.4	285	129
	75		63	57.0	0.65	16	4.39	20.4	281	123	55.4	0.62	17	4.35	20.3	278	122	51.1	09.0	17	4.24	19.8	270	118
			29	22.0	0.78	19	4.29	20.0	261	115	53.4	0.74	20	4.26	19.9	259	114	49.3	0.72	20	4.16	19.5	251	111
			71		-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-
	92		29	64.0	0.43	12	4.20	19.7	265	127	62.1	0.41	13	4.17	19.5	262	126	57.3	0.40	13	4.07	19.1	254	122
	9		63	58.4	0.63	16	4.07	19.2	251	116	29.7	0.60	17	4.04	19.1	248	115	52.3	0.58	17	3.94	18.6	241	112
			69	26.3	92'0	19	3.99	18.8	233	109	54.7	0.72	19	36.8	18.7	231	108	50.5	69'0	50	3.86	18.3	224	105
				MBh	S/T	Delta T	KW	AMPS	HI PR	LO PR	MBh	S/T	Delta T	KW	AMPS	HI PR	LO PR	MBh	Z/S	Delta T	KW	AMPS	HI PR	LO PR
			Airflow				2085							1850							1625			
			IDB*											2										

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56.1	0.43	11	5.71	27.4	504	171	54.5	0.41	11	5.66	27.1	499	169	50.3	0.39	11	5.52	26.5	484	164	
52.3	0.66	15	5.52	26.5	483	160	50.8	0.63	16	5.48	26.3	478	159	46.8	0.61	16	5.34	25.7	464	154	
48.3	0.88	19	5.34	25.8	457	147	46.9	0.84	19	5.30	25.5	453	145	43.3	0.81	20	5.16	24.9	439	141	
46.9	0.98	20	5.23	25.2	425	138	45.5	0.93	21	5.18	25.0	421	137	42.0	0.90	21	5.05	24.4	408	133	
9.09	0.42	11	5.51	26.0	456	165	58.8	0.40	12	5.47	25.8	451	163	54.3	0.39	12	5.33	25.2	438	159	
56.4	0.66	16	5.33	25.2	437	155	54.8	0.63	17	5.29	25.0	433	154	9.09	0.60	17	5.15	24.4	420	149	
52.1	0.87	20	5.16	24.5	414	142	9.09	0.83	21	5.12	24.3	410	141	46.7	0.80	21	4.99	23.8	398	136	
50.6	0.97	22	5.05	24.0	385	133	49.2	0.93	23	5.01	23.8	381	132	45.4	0.89	23	4.88	23.3	698	128	
63.8	0.41	11	529	24.7	405	158	61.9	0.39	12	524	24.5	401	156	57.1	0.37	12	5.11	23.9	386	151	
59.4	0.63	17	5.11	23.9	386	148	27.7	09.0	17	2.07	23.7	382	146	53.2	0.58	18	4.94	23.2	373	142	
54.9	0.84	20	4.95	23.3	368	136	53.3	08.0	21	4.91	23.1	364	134	49.2	0.77	7	4.79	22.6	353	130	
53.3	0.94	22	4.84	22.8	342	127	51.8	0.89	23	4.80	22.6	339	126	47.8	0.86	23	4.68	22.1	328	122	0 0 0 1 1 10
65.3	0.39	11	5.05	23.3	326	150	63.4	0.38	12	4.98	23.2	352	149	58.6	0.36	12	4.85	22.6	342	144	(/ / /
6.09	0.61	16	4.86	22.6	341	141	59.1	0.59	17	4.82	22.5	338	139	54.6	0.56	17	4.70	21.9	328	135	(·
56.3	0.81	20	4.70	22.0	323	129	54.6	0.77	21	4.66	21.9	320	128	50.4	0.75	21	4.55	21.4	310	124	. 0
54.6	0.91	22	4.60	21.6	300	121	53.0	0.86	23	4.57	21.4	297	120	49.0	0.83	23	4.45	21.0	288	116	0 = 0 = 1 = 1 = 1 = 1 = 1 = 1 = 1 = 1 =
6.99	0.39	11	4.71	21.8	313	144	65.0	0.37	12	4.68	21.6	310	143	0.09	0.35	12	4.56	21.1	301	139	J.
62.4	09.0	16	4.56	21.1	300	136	9.09	0.57	17	4.53	21.0	297	134	55.9	0.55	17	4.42	20.5	288	130	2
57.6	0.79	20	4.42	20.6	284	124	55.9	0.75	21	4.39	20.4	281	123	51.6	0.73	21	4.28	20.0	273	119	
56.0	88.0	22	4.33	20.2	264	117	54.3	0.84	23	4.29	20.0	261	116	50.2	0.81	23	4.19	19.6	524	112	
68.5	0.37	11	4.37	20.4	279	137	99	0.35	12	4.34	20.3	276	135	61.4	0.34	12	4.23	19.8	268	131	9
63.9	0.58	16	4.23	19.8	267	128	62.0	0.55	17	4.20	19.7	265	127	57.2	0.53	17	4.10	19.3	257	123	0000
59.0	0.76	20	4.10	19.3	253	117	57.3	0.73	21	4.07	19.2	251	116	52.9	0.70	21	3.97	18.8	243	113	į.
57.3	98.0	22	4.02	19.0	235	110	9:55	0.81	22	3.99	18.8	233	109	51.3	82.0	23	3.89	18.4	526	106	2
MBh	S/T	Delta T	ΚM	AMPS	표	LO PR	MBh	S/T	Delta T	ΚM	AMPS	표	LO PR	MBh	S/T	Delta T	ΚW	AMPS	H PR	LO PR	* IOO. Totaline Lade or C O C
			2085							1850							1625				*
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NOTE: Shaded area is ACCA (TVA) conditions High and low pressures are measured at the liquid and suction access fittings. *IDB: Entering Indoor Dry Bulb Temperature

MODEL: GPC1360H41**

GPC1360H41BA

COOLING OPERATION

EXPANDED PERFORMANCE DATA

MODEL: GPC1360H41**

Design Subcooling, 12±3 °F @ the liquid access fitting connection AHRI 95 test conditions. Design Superheat 8±3 °F @ the compressor suction access fitting connection.

			71	55.7	0.61	15	5.76	27.6	609	173	54.1	0.58	16	5.71	27.4	504	171	49.9	0.56	16	5.56	26.7	489	166
			29	52.1	0.82	19	5.57	26.7	488	162	9.09	0.78	20	5.52	26.5	483	160	46.7	0.75	20	5.38	25.9	469	156
	115		63	48.8	1.00	22	5.39	26.0	462	148	47.4	96.0	23	5.34	25.8	457	147	43.7	0.93	23	5.21	25.1	444	142
			29	47.7	1.00	21	5.27	25.4	429	139	46.3	1.00	23	5.23	25.2	425	138	42.8	0.99	24	5.09	24.6	412	134
			71	60.1	0.61	16	5.56	26.2	461	167	58.4	0.58	17	5.51	26.0	456	165	53.9	0.56	17	5.37	25.4	442	160
	2		29	56.3	0.81	20	5.38	25.4	442	157	54.6	0.78	21	5.33	25.2	437	155	50.4	0.75	21	5.20	24.6	424	150
	105		63	52.7	1.00	23	5.21	24.7	418	143	51.1	96.0	24	5.16	24.5	414	142	47.2	0.92	22	5.03	23.9	402	138
			29	51.5	1.00	23	5.09	24.2	389	135	50.0	1.00	25	5.05	24.0	385	133	46.2	96.0	56	4.92	23.5	373	120
			71	63.3	620	16	5.33	24.9	409	159	61.5	920	17	529	24.7	405	158	56.7	0.54	17	5.15	24.1	393	153
			67	59.2	0.78	20	5.16	24.1	393	149	57.5	0.75	21	5.12	23.9	389	148	53.1	0.72	22	4.99	23.4	377	111
rature	92	Entering Indoor Wet Bulb Temperature	ස	55.4	96.0	24	4.99	23.5	372	137	53.8	0.92	22	4.95	23.3	368	136	49.7	0.89	22	4.83	22.7	357	131
Outdoor Ambient Temperature		b Temp			1.00 0					129 1			792					48.6 4		792		22.3		
mbient		Vet Bull	1 59	.9 54.3	_	16 24	36 4.88	.5 23.0	359 345	152 12	.0 52.7	54 0.98	_	72 4.84	.3 22.8	356 342	50 127	Н	52 0.94	17 2	39 4.72	22.8 22	345 332	146 124
door A		ndoor V	7 71	.7 64.9	76 0.57	20 10	90 2 06	.8 23.5		142 15	63.0	72 0.54	1 17	36 5.02	.6 23.3		150	.4 58.2	70 0.52		4.74 4.89			
Out	82	ering Ir	63 67	56.8 60.7	0.93 0.76	23 2	4.74 4.90	22.2 22.8	326 345	130 14	55.2 58.9	0.89 0.72	4 21	4.70 4.86	22.0 22.6	323 341	129 141	50.9 54.4	0.86 0.70	25 21	4.59 4.7	21.5 22.1	313 331	125 137
		Ent	29 6	55.6 56	1.00 0.9	25 2	4.64 4.	21.8 22	303 37	122 13	54.0 55	0.95 0.8	25 24	4.60 4.	21.6 22	300	121 12	49.8 50		26 2	4.49 4.	21.1 21	291 3	118 12
			71 5	66.5 55	0.55 1.	16 2	4.75 4.	21.9 21	316 3	146 12	64.5 54	0.53 0.	17 2	4.72 4.	21.8 21	313 30	144	59.6 46	0.51 0.91	17 2	4.60 4.	21.3 21	304 29	140 1
			2 29	62.2 66	0.74 0.	20 1	4.60 4.	21.3 21	303 3	137 1.	60.4 64	0.71 0.	21 1	4.57 4.	_	300	136 1	55.7 59	0.68 0.	21 1	4.45 4.	2	291 30	131 1,
	72		63 6	58.2 62		23 2	4.46 4.	20.7 21	287 30	125 13	56.5 60	0.87	24 2	4.42 4.	20.6 21.7	284 30	124 13	52.2 55	0.84 0.	25 2		0.1 20.7	276 29	120 13
			29 6	57.0 58	0.97 0.91	24 2	4.36 4.	20.3 20	267 28	118 12	55.3 56	0.92 0.8	25 2	4.33 4.	20.2	264 28		51.0 52	0.89	26 2	4.22 4.31	19.7 20.1	256 27	113 1
	Н		71 5	68.1 57	0.53 0.	16 2	4.41 4.	20.6	282	138 1	66.1 5	0.51 0.	17 2	4.37 4.	20.4	279 2	137 1	61.0 5	0.49 0.	17 2	4.26 4.	20.0	271 2	133 1
			. 29	63.7 6	0.71 0	. 50	4.27 4	20.0	270 2	130 1	61.8 6	0.68	. 12	4.23 4	19.8	267 2	128 1	57.1 6	0.66	. 12	4.13 4	19.4	259 2	124 1
	65		63	59.6 6	0.88 0	23	4.14 4	19.5 2	256 2	119 1	9 6.79	0.84 0	24	4.10 4	19.3	253 2	117 1	53.4 5	0.81 0	24	4.01 4	18.9 1	246 2	114 1
			29	58.3 5	0.94 C	24	4.05 4	19.1 1	238 2	112 1	56.6 5	0.89	25	4.02 4	19.0 1	235 2	110 1	52.3 5	0.86	25	3.92 4	18.6 1	228 2	107
										Н														H
				MBh	S/I	Delta T	KW	AMPS	H R	LO PR	MBh	Ŋ	Delta T	KW	AMPS	H PR	LO PR	MBh	S/T	Delta T	KW	AMPS	H PR	4d O
			Airflow				2085							1850							1625			
			IDB*	\vdash							—			8			_	_						

6 58.0 59.1 61.9 66.0 56.0 57.7 60.4 64.0 89 1.00 0.98 0.72 1.00 1.00 0.91 0.74 44 26 26 24 21 25 25 24 21 37 26 26 24 21 25 24 21 27 24 21 37 26.5 26 24 4.78 4.68 4.78 4.94 5.10 37 20.5 20.9 21.4 22.1 21.9 22.4 23.0 23.7 38 119 127 138 147 124 132 144 153 41 26.3 57.4 60.1 64.1 54.9 56.0 58.6 62.6 56.3 57.4 60.1 64.1 54.9 66.0 68.0 69.0 27 27 25 22 27 27 22.1										,	U	•	•				,	,,	•	T		_
68.0 58.1 68.1 68.0 68.1 68.0 68.0 68.0 68.0 68.0 68.0 68.0 68.0 68.0 68.0 68.0 68.0 68.0 68.0 68.0 68.0 68.0 67.2 1.00 <th< td=""><td>55.3</td><td>0.80</td><td>19</td><td>5.81</td><td>27.8</td><td>514</td><td>174</td><td>53.7</td><td>0.76</td><td>20</td><td>5.76</td><td>27.6</td><td>609</td><td>173</td><td>49.6</td><td>0.73</td><td>21</td><td>5.61</td><td>26.9</td><td>494</td><td>167</td><td></td></th<>	55.3	0.80	19	5.81	27.8	514	174	53.7	0.76	20	5.76	27.6	609	173	49.6	0.73	21	5.61	26.9	494	167	
6 58.0 58.1 6.1.9 66.0 56.6 57.7 60.4 64.4 56.2 56.3 58.9 62.9 52.4 53.5 56.0 59.7 48.6 1 100 0.98 0.89 0.72 1.00 1.00 0.91 1.00 1.00 1.00 1.00 1.00 1.00 1.00 0.94 0.76 1.00 1.00 0.97 1.00 1.00 0.91 0.74 1.00 1.00 0.94 0.76 1.00 1.00 0.91 0.74 1.00 1.00 0.94 0.76 1.00 0.99 0.90 0.90 0.90 237 23.7 23.6 24.3 25.1 24.4 24.0 25.2 24.4 24.1 29.8 26.0 28.0	51.9	0.98	22	5.62	26.9	493	164	50.3	0.94	23	5.57	26.7	488	162	46.5	0.90	24	5.43	26.1	473	157	
6 6.8.0 6.8.1 6.8.1 6.8.0 6.8.1 6.8.0 6.8	49.5	1.00	22	5.44	26.2	467	150	48.1	1.00	24	5.39	26.0	462	148	44.4	1.00	25	5.25	25.3	448	144	
6 68.0 59.1 61.9 66.0 56.6 57.7 60.4 64.4 56.2 56.3 58.9 62.9 62.4 53.5 56.0 50.4 67.0 50.0 1.00 0.34 1.00 1.	48.6	1.00	21	5.32	25.6	434	141	47.2	1.00	23	5.27	25.4	429	139	43.5	1.00	22	5.14	24.8	416	135	
6 58.0 59.1 61.9 66.0 66.6 67.7 60.4 64.4 55.2 56.3 58.9 62.9 62.9 62.4 63.6 1.00 0.98 0.89 0.72 1.00 1.00 0.91 0.74 1.00 1.00 0.94 0.76 1.00 1.00 4 1.00 0.98 0.89 0.72 1.00 1.00 0.91 0.74 1.00 1.00 0.94 0.76 1.00	59.7	0.79	21	5.61	26.4	465	168	28.0	0.75	22	5.56	26.2	461	167	53.5	0.73	22	5.42	25.6	447	162	
6 58.0 59.1 61.9 66.0 56.6 57.7 60.4 64.4 55.2 56.3 58.9 62.9 62.9 52.4 21 26. 26. 26. 26. 26. 26. 27. 1.00 0.31 0.74 1.00 1.00 0.94 0.76 0.76 1.00 1.00 0.94 1.00 0.94 0.76 1.00 0.94 0.76 1.00 0.94 0.76 1.00 0.94 0.76 1.00 0.94 0.76 1.00 0.94 0.76 1.00 0.94 0.76 1.00 0.94 0.76 1.00 0.94 0.76 1.00 0.93 0.76 1.00 0.94 0.76 1.00 0.94 0.76 1.00 0.93 0.94 0.76 1.00 0.93 0.94 0.76 0.77 1.00 0.93 0.94 0.78 0.79 0.74 1.00 0.93 0.93 0.94 0.71 0.74 1.00 0.93	26.0	0.97	54	5.42	25.6	446	158	54.4	0.93	25	5.38	25.4	442	157	50.2	0.89	25	5.24	24.8	428	152	
6 58.0 59.1 61.9 66.0 56.6 57.7 60.4 64.4 55.2 56.3 58.9 62.9 62.9 89 1.00 0.98 0.72 1.00 1.00 0.91 0.74 1.00 1.00 0.94 0.76 0.94 0.76 4 1.00 0.98 0.72 1.00 1.00 0.91 0.74 1.00 1.00 0.94 0.76 0.94 0.76 0.79 0.70 0.90 0.90 0.90 0.70	53.5	1.0	54	5.25	24.9	422	145	51.9	1.00	26	5.21	24.7	418	143	47.9	0.39	27	5.07	24.1	406	139	
6 58.0 59.1 61.9 66.0 56.6 57.7 60.4 64.4 56.2 56.3 58.9 89 1.00 0.98 0.89 0.72 1.00 1.00 0.91 0.74 1.00 <td>-</td> <td>7</td> <td>23</td> <td>5.13</td> <td>24.4</td> <td>392</td> <td>136</td> <td>50.9</td> <td>1.00</td> <td>25</td> <td>5.09</td> <td>24.2</td> <td>389</td> <td>135</td> <td>47.0</td> <td>1.00</td> <td>27</td> <td>4.96</td> <td>23.6</td> <td>377</td> <td>131</td> <td></td>	-	7	23	5.13	24.4	392	136	50.9	1.00	25	5.09	24.2	389	135	47.0	1.00	27	4.96	23.6	377	131	
6 58.0 59.1 61.9 66.0 56.6 57.7 60.4 64.4 55.2 56.3 56.3 89 1.00 0.98 0.89 0.72 1.00 1.00 0.91 0.74 1.00 1.00 44 26 26 24 21 25 25 24 21 24 25 26 24 27 1.00	62.9	0.76	21	5.38	25.1	414	161	61.0	0.73	22	5.33	24.9	409	159	56.3	0.70	22	520	24.3	397	154	
6 58.0 59.1 61.9 66.0 56.6 57.7 60.4 64.0 89 1.00 0.98 0.89 0.72 1.00 1.00 0.91 0.74 44 2.6 2.4 2.1 2.5 2.5 2.4 2.1 7.7 2.0. 2.0. 2.0. 1.00 1.00 0.91 0.74 7.7 2.0. 2.0. 2.1.4 2.2.1 2.2.4 2.30 2.7 3.0 2.0. 2.0. 2.1.4 2.2.1 2.0. 2.0. 2.0. 3.0 2.0. 2.0. 2.1.4 2.2.1 2.1.9 2.2.4 2.10 0.7 3.0 2.0 2.1.4 2.2.1 2.1.3 2.0 2.2	58.9	0.94	24	5.20	24.3	396	151	57.2	0.89	25	5.16	24.1	393	149	52.8	98.0	26	5.03	23.5	381	145	m power
6 58.0 59.1 61.9 66.0 56.6 57.7 60.4 64.0 89 1.00 0.98 0.89 0.72 1.00 1.00 0.91 0.74 44 2.6 2.4 2.1 2.5 2.5 2.4 2.1 7.7 2.0. 2.0. 2.0. 1.00 1.00 0.91 0.74 7.7 2.0. 2.0. 2.1.4 2.2.1 2.2.4 2.30 2.7 3.0 2.0. 2.0. 2.1.4 2.2.1 2.0. 2.0. 2.0. 3.0 2.0. 2.0. 2.1.4 2.2.1 2.1.9 2.2.4 2.10 0.7 3.0 2.0 2.1.4 2.2.1 2.1.3 2.0 2.2	56.3	1.00	53	5.03	23.6	375	138	54.6	0.99	22	4.99	23.5	372	137	50.4	0.95	22	4.87	22.9	361	133	KW = Total system power
6 58.0 59.1 61.9 66.0 56.6 57.7 60.4 89 1.00 0.98 0.89 0.72 1.00 1.00 0.91 44 2.6 2.6 2.4 2.1 2.5 2.5 2.4 4.7 4.60 4.50 4.64 4.70 4.78 4.78 4.94 4.7 2.0.5 20.9 21.4 22.1 21.9 22.4 23.0 34 2.69 2.0.9 21.4 22.1 21.9 22.4 23.0 34 2.69 2.0.9 21.4 22.1 21.9 22.4 23.0 34 2.69 2.0 21.4 22.1 21.9 22.4 23.0 35 1.19 1.27 1.38 1.47 1.24 1.32 1.44 4.60 6.0 1.0 0.60 0.99 0.96 0.87 2.2 2.2 2.7 2.7 2.7 2.7	55.2	1.00	54	4.93	23.2	349	130	53.6	1.00	27	4.88	23.0	345	129	49.5	0.99	28	4.76	22.5	332	125	KW = T
6 58.0 59.1 61.9 66.0 56.6 57.7 89 1.00 0.98 0.89 0.72 1.00 1.00 1 26 26 24 21 25 25 44.40 4.50 4.64 4.79 4.68 4.78 7 20.5 20.9 21.4 22.1 22.4 23 34 269 290 306 319 306 320 39 119 127 138 147 124 132 40 60.37 0.34 0.84 0.69 0.39 0.36 50 0.37 0.34 0.84 0.69 0.39 0.36 50 0.37 27 27 27 27 27 44 4.36 4.60 4.75 4.64 4.74 4.74 45 2.07 2.13 2.14 2.22 2.2 2.2 26 27	64.4	0.74	21	5.10	23.7	363	153	62.6	0.70	22	5.06	23.5	329	152	57.7	0.68	22	4.93	23.0	349	147	
6 58.0 59.1 61.9 66.0 56.0 99 1.00 0.98 0.89 0.72 1.00 1 26 26 24 21 25 44.40 4.50 4.64 4.79 4.68 1.7 20.5 20.9 21.4 22.1 21.9 34 269 290 306 319 306 39 119 127 138 147 124 30 119 127 138 147 124 30 119 127 138 147 124 30 119 127 138 147 124 30 119 127 138 147 124 30 103 1034 0.69 0.99 29 44 4.36 4.46 4.60 4.75 4.64 45 2.07 2.13 2.14 2.18 46 2.	60.4	0.91	24		23.0	348	144	58.6	0.87	25	4.90	22.8	345	142	54.1	0.83	26	4.78	22.3	334	138	erature
6 58.0 59.1 61.9 66.0 89 1.00 0.98 0.89 0.72 44 26 26 24 21 44 4.40 4.50 4.64 4.79 7.7 20.5 20.9 21.4 22.1 34 269 290 306 319 39 119 127 138 147 40 4.50 20.9 306 319 56 0.97 0.94 0.84 0.69 27 27 25 22 27 27 25 22 44 4.36 4.46 4.60 4.75 44 4.36 4.46 4.60 4.75 45 20.3 20.7 21.3 21.9 38 118 125 137 46 46 20.3 20.0 0.81 0.66 51.9 20.2 20.2 20 </td <td>57.7</td> <td>1.00</td> <td>52</td> <td>4.78</td> <td>22.4</td> <td>330</td> <td>132</td> <td>26.0</td> <td>0.96</td> <td>27</td> <td>4.74</td> <td>22.2</td> <td>326</td> <td>130</td> <td>51.7</td> <td>0.93</td> <td>27</td> <td>4.62</td> <td>21.7</td> <td>317</td> <td>126</td> <td>Tempe</td>	57.7	1.00	52	4.78	22.4	330	132	26.0	0.96	27	4.74	22.2	326	130	51.7	0.93	27	4.62	21.7	317	126	Tempe
6 58.0 59.1 61.9 89 1.00 0.98 0.89 1 26 26 24 44 4.40 4.50 4.64 1.7 20.5 20.9 21.4 34 269 290 306 39 119 127 138 16 56.3 57.4 60.1 86 0.97 0.94 0.84 2 27 25 27 41 4.36 4.46 4.60 86 0.97 0.94 0.84 2 27 27 25 41 4.36 4.46 4.60 86 10.93 20.7 21.3 86 1.25 137 87 27 26 30 1.30 0.90 0.81 80 2.7 2.7 26 30 2.7 2.7 2.2 30 <td>9.95</td> <td>1.00</td> <td>52</td> <td>4.68</td> <td>21.9</td> <td>306</td> <td>124</td> <td>54.9</td> <td>0.99</td> <td>27</td> <td>4.64</td> <td>21.8</td> <td>303</td> <td>122</td> <td>20.7</td> <td>96.0</td> <td>28</td> <td>4.53</td> <td>21.3</td> <td>294</td> <td>119</td> <td>Indoor Dry Bulb Temperature</td>	9.95	1.00	52	4.68	21.9	306	124	54.9	0.99	27	4.64	21.8	303	122	20.7	96.0	28	4.53	21.3	294	119	Indoor Dry Bulb Temperature
69 58.0 59.1 6 10 0.98 0 1 1 26 26 2 1,00 0.98 0 0 1,1 26 26 2 2,7 20.5 20.9 2 3,4 269 29 3 3,6 119 127 1 1,6 56.3 57.4 6 2,7 27 27 27 3,7 267 287 3 3,8 118 125 1 4,2 2,0 2 2 3,8 118 125 1 4,2 4,3 2 3 4,2 4,2 3 4 4,2 4,3 4 4 4,3 4,2 4 4 4,2 4,3 4 4 4,2 4,3 4 4 4,2 4		0.72	7	4.79	22.1	319	147	64.1	0.69	22	4.75	21.9	316	146		99.0	22	4.64		307	141	Indoor
56.0 58.0 1.00	6	o.	54	4.	7	306	138		0	25	4	21.3	303	137		0	26	4.		294	133	ij
2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2		- 1	26			290	127			27		l	287	125			27			278	122	IDB: Entel
MBh 59.3 60.5 63.3 67.6 ST MBh ST MBh 69.3 60.5 63.3 67.6 ST MBh 69.3 60.95 0.85 0.69 0.69 0.69 0.69 0.69 0.69 0.69 0.69	Н	4	26	\vdash	_	269	H		Н	27	_	⊢	267	118	_	-	27	4.26	19.9	259	_	
MBh 59.3 60.5 63.3 SyT 0.98 0.95 0.85 Delta T 26 25 24 ORS KW 4.08 4.17 4.30 AMPS 19.2 19.6 20.1 HI PR 240 258 273 LO PR 113 120 131 MBh 57.6 58.7 61.5 SyT 0.94 0.90 0.81 Delta T 27 26 25 KW 4.05 4.14 4.27 AMPS 19.1 19.5 20.0 HI PR 238 256 270 LO PR 112 119 130 MBh 53.2 54.2 56.8 SyT 0.90 0.87 0.79 Delta T 27 27 26 SyT 0.90 0.87 0.79 Delta T 27 27 25 AMPS 112 119 130 MBh 53.2 54.2 56.8 SyT 0.90 0.87 0.79 Delta T 27 27 25 AMPS 18.7 19.0 19.5 HI PR 231 248 262 HI PR 231 248 262			7				139															itions
MBh 59.3 60.5 ST 0.38 0.95 ST 0.38 0.95 Deta T 26 25 AMPS 19.2 19.6 HI PR 240 258 HI PR 240 258 HI PR 240 258 CO PR 113 120 MBh 57.6 58.7 ST 0.94 0.90 Deta T 27 26 KW 4.05 4.14 AMPS 19.1 19.5 HI PR 238 256 LO PR 112 119 MBh 53.2 54.2 CO PR 112 119 MBh 33.5 54.04 AMPS 18.7 19.0 HI PR 231 241 CO PR 112 119 MBh 233 256 HI PR 238 256 HI PR 231 248 HI PR 231 248		- 1	54														25					g Cond
MBh 59.2 ST 0.95 ST 0.95 Delta T 26 AMPS 19.2 HI PR 240 LO PR 113 MBh 57.6 ST 0.94 ST 0.94 MBh 19.1 HI PR 238 LO PR 19.1 HI PR 238 LO PR 19.1 MBh 53.2 AMPS 19.1 MBh 53.2 AMPS 19.1 HI PR 238 LO PR 112 MBh 53.2 AMPS 19.1 HI PR 238 LO PR 112 MBh 53.2 AMPS 18.7 HI PR 238 HI PR 238 LO PR 112 MBh 53.2 AMPS 18.7 HI PR 238 LO PR 112 MBh 53.2 AMPS 18.7																						RI Ratin
85 KW AMPS AMPS AMPS AMPS AMPS AMPS AMPS AMPS	59.3	0.38	26	4.08	19.2	240	113	57.6	0.94	27	4.05	19.1	238	112	53.2	0.30	27	3.95	18.7	231	108	s is AH
880 882	MBh	⊳S	Delta T	KW	AMPS	표	LO PR	MBh	S/T	Delta T	ΚM	AMPS	H K	LO PR	MBh	S/T	Delta T	ΚM	AMPS	H R	LO PR	aded area
0		!		2085							1850	-	<u> </u>	ı				1625				NOTE: Shaded areas is AHRI Rating Conditions
8											82											*

NOIE: Shaded areas is AHRI Rating Conditions
High and low pressures are measured at the liquid and suction access fittings.

Ire KW = 1 dtal system power AMPS: Unit amps (comp.+ evaporator + condenser fan motors)

PERFORMANCE TEST

All data based upon listed indoor dry bulb temperature. .00 inches external static pressure on coil of outdoor section. Indoor air cubic feet per minute (CFM) as listed in the Performance Data Sheets:

If conditions vary from this, results will change as follows:

- 1. As indoor dry bulb temperatures increase, a slight increase will occur in indoor air temperature drop (Delta T). Low and high side pressures and power will not change.
- 2. As indoor CFM decreases, a slight increase will occur in indoor temperature drop (Delta T). A slight decrease will occur in low and high side pressures and power.

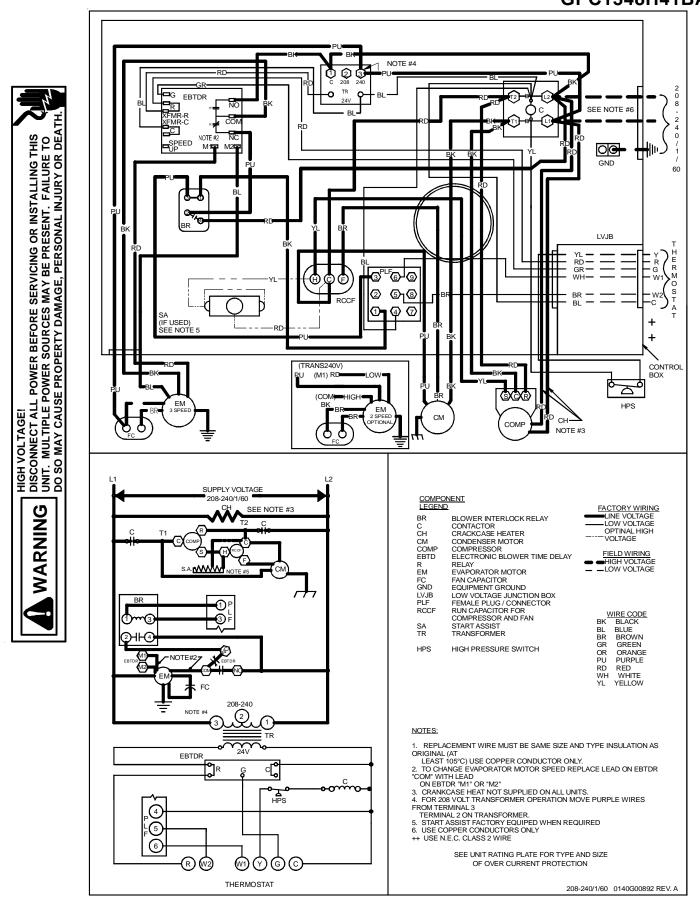
A properly operating unit should be within plus or minus **3 degrees** of the typical (**Delta T**) value shown.

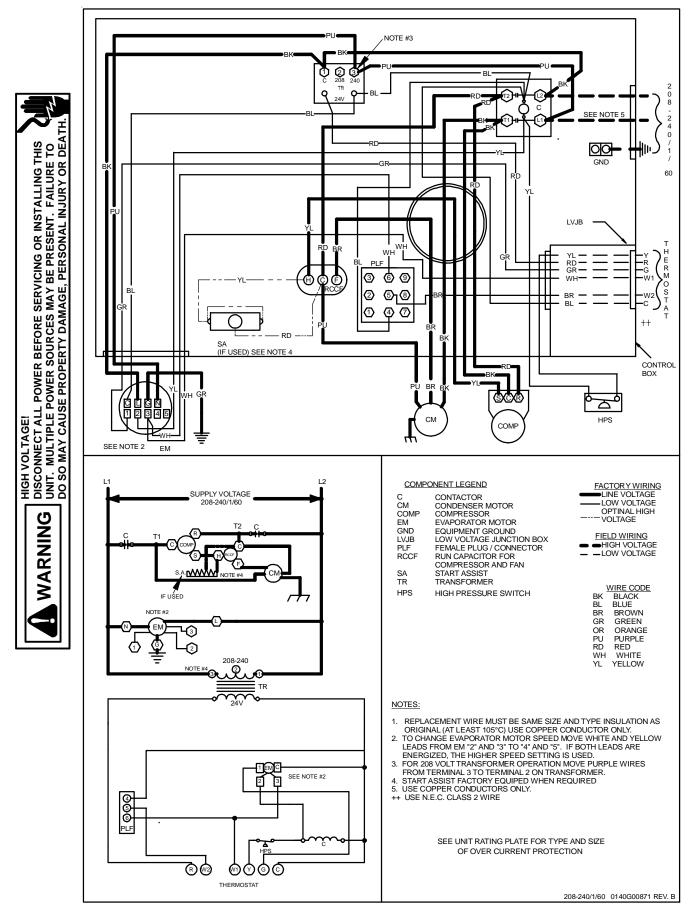
A properly operating unit should be within plus or minus **7 PSIG** of the **HI PR** shown.

A properly operating unit should be within plus or minus **3 PSIG** of the **LO PR** shown.

A properly operating unit should be within plus or minus 3 Amps of the typical value shown.

WIRING DIAGRAMS





Wiring is subject to change. Always refer to the wiring diagram on the unit for the most up-to-date wiring.

GPC 13 SEER R-410A 5 mm Package Air Conditioners

GPC1324H41AB GPC1342H41AB GPC1330H41AB GPC1349H41AA GPC1336H41AB GPC1360H41BB

PRODUCT DESIGN

GPC Package Cooling Units are designed for outdoor installations only in either residential or light commercial applications.

The connecting ductwork (Supply and Return) can be connected for either horizontal or vertical airflow. In the vertical application a matching Roof Curb is recommended.

A return air filter must be installed behind the return air grille(s) or provision must be made for a filter in an accessible location within the return air duct. The minimum filter area should not be less than those sizes listed in the Specification Section. Under no circumstances should the unit be operated without return air filters.

A 3/4" PVC pipe is provided for removal of condensate water from the indoor coil In order to provide proper condensate flow, a drain trap is supplied and shipped loose inside the unit for field installation. (Do not reduce the drain line size.)

Refrigerant flow control is achieved by use of restrictor orifices. GPC units use the FasTest Access Fitting System with a saddle that is either soldered to the suction and liquid lines or is fastened with a locking nut to the access fitting box (core) and then screwed into the saddle. **Do not remove the core from the saddle until the refrigerant charge has been removed. Failure to do so could result in property damage or personal injury.**

The single phase units use permanent split capacitor (PSC) design compressors. Starting components are therefore not required for these units. A low microfarad run capacitor assists the compressor to start and remains in the circuit during operation.

The outdoor fan and indoor blower motors are single phase capacitor type motors with the exception of the GPC1360H41* units which have X-13 indoor blower motors that are energized by a 24V signal from the thermostat and are constant torque motors with very low power consumption. The X-13 features an integral control module.

Air for condensing (cooling cycle) is drawn through the outdoor coil by a propeller fan, and is discharged vertically out the top of the unit. The outdoor coil is designed for .0 static. No additional restriction (ductwork) shall be applied.

Conditioned air is drawn through the filter(s), field installed, across the coil and back into the conditioned space by the indoor blower.

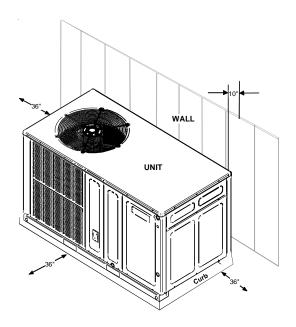
GPC1324-60H41** use Copeland Scroll Compressors. There are a number of design characteristics which are different from the traditional reciprocating compressors.

- Due to their design Scroll Compressors are inherently more tolerant of liquid refrigerant. NOTE: Even though the compressor section of a Scroll compressor is more tolerant of liquid refrigerant, continued floodback or flooded start conditions may wash oil from the bearing surfaces causing premature bearing failure.
- Scroll Compressors use white oil which is compatible with 3GS oil which may be used if additional oil is required.
- Operating pressures and amp draws may differ from standard reciprocating compressors. This information may be found in the "Cooling Performance Data" section.

PRODUCT DESIGN

Location and Clearances

NOTE: To ensure proper condensate drainage, unit must be installed in a level position.



In installations where the unit is installed above ground level and not serviceable from the ground (Example: Roof Top installations), the installer must provide service platform for service person with rails or guards in accordance with local codes or ordinances or in their absence with the latest edition of the Uniform Mechanical Code Section 305.

NOTE: Unit can also use roof curb.

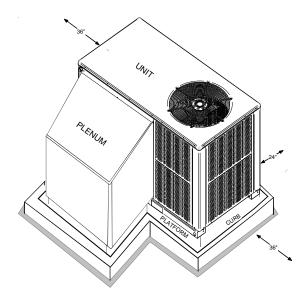


TO PREVENT POSSIBLE PROPERTY DAMAGE, THE UNIT SHOULD REMAIN IN AN UPRIGHT POSITION DURING ALL RIGGING AND MOVING OPERATIONS. TO FACILITATE LIFTING AND MOVING IF A CRANE IS USED, PLACE THE UNIT IN AN ADEQUATE CABLE SLING.

Refer to Roof Curb Installation Instructions for proper curb installation. Curbing must be installed in compliance with the National Roofing Contractors Association Manual.

Outside Slab Installation - Horizontal (H)

Minimum clearances are required to avoid air recirculation and keep the unit operating at peak efficiency.



Rooftop Installation - Horizontal (H)

PACKAGE COOLING SPECIFICATIONS

GPC13[24-36]H41AB

			_	
		GPC1324H41AB	GPC1330H41AB	GPC1336H41AB
COOLING	COOLING CAPACITY, BTUH	24,000	28,600	36,000
CAPACITY	SEER	13.0	13.0	13.0
UNIT	VOLTAGE (NAMEPLATE)	208-230/1/60	208-230/1/60	208-230/1/60
ELECTRICAL	AMPS (TOTAL)	16.1	15.76	20.06
SPECIFICATION	MINIMUM CIRCUIT AMPACITY	19.5	19	24.2
	MAXIMUM OVERCURRENT PROTECTION (1)	30	30	40
COMPRESSOR	TYPE	SCROLL	SCROLL	SCROLL
	RATED LOAD AMPS	13.5	12.8	16.7
	LOCKED ROTOR AMPS	58.3	64	79
CONDENSER	HORSEPOWER	1/6	1/6	1/4
FAN MOTOR	RPM	815	815	830
	FULL LOAD AMPS	1.1	1.1	1.5
	LOCKED ROTOR AMPS	1.7	1.7	3.0
CONDENSER FAN	BLADE DIAMETER (INCHES) /# OF BLADES	22 / 2	22 / 2	22 / 4
CONDENSER	FACE AREA - SQ. FT.	12.3	12.3	12.3
COIL	NUMBER OF ROWS	1	1	1
	FINS PER INCH	26	26	26
EVAPORATOR	HORSEPOWER - NO. OF SPEEDS	1/4 - 3	1/3 - 3	1/3 - 3
BLOWER	FULL LOAD AMPS	1.5	1.86	1.86
MOTOR	LOCKED ROTOR AMPS	2.2	3.2	3.2
	MOTOR SPEED TAP - COOLING	MEDIUM	LOW	LOW
	RPM	1075	1075	1075
EVAPORATOR	DIAMETER X WIDTH (INCHES)	9 x 6	9 x 6	9 x 8
BLOWER	RATED SCFM COOLING	815	1,080	1,205
	MAX EXTERNAL STATIC PRESS ("w.c.)	0.5	0.5	0.5
EVAPORATOR	FACE AREA - SQ. FT.	4.6	4.6	5.2
COIL	NUMBER OF ROWS	3	3	3
	FINS PER INCH	14	14	14
GENERAL	FILTER SIZE - SQ. FT. *	20 x 20 x 1	20x 25 x 1	25 x 25 x 1
INFORMATION	DRAIN SIZE (INCHES)	3/4"	3/4"	3/4"
	EXPANSION DEVICE	ORIFICE (0.057)	ORRIFICE (0.062)	ORIFICE (0.068)
	REFRIGERANT CHARGE R-410A (Oz.)	63	62	61
	POWER SUPPLY CONDUIT KNOCKOUT SIZE (IN.	3/4, 1, 1-1/4	3/4, 1, 1-1/4	3/4, 1, 1-1/4
	LOW VOLTAGE CONDUIT KNOCKOUT SIZE (IN.)	1/2	1/2	1/2
	SHIPPING WEIGHT LBS.	290	290	370
	OPERATING WEIGHT LBS.	280	280	360
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⁽¹⁾ Maximum Overcurrent Protection Device: **MUST** use Time Delay Fuse or HACR type Circuit Breaker of the same size as noted.

^{*} Calculated external filter size based on air velocity of 300 ft/min.

		GPC1342H41AB	GPC1349H41AA	GPC1360H41BB
COOLING	COOLING CAPACITY, BTUH	41,000	45,500	57,500
CAPACITY	SEER	13.0	13.0	13.0
UNIT	VOLTAGE (NAMEPLATE)	208-230/1/60	208-230/1/60	208-230/1/60
ELECTRICAL	AMPS (TOTAL)	22.17	24.17	33.6
SPECIFICATION	MINIMUM CIRCUIT AMPACITY	26.6	29.2	40.2
	MAXIMUM OVERCURRENT PROTECTION (1)	40	45	60
COMPRESSOR	TYPE	SCROLL	SCROLL	SCROLL
	RATED LOAD AMPS	17.9	19.9	26.4
	LOCKED ROTOR AMPS	112	109	134
CONDENSER	HORSEPOWER	1/4	1/4	1/4
FAN MOTOR	RPM	1075	1075	1075
	FULL LOAD AMPS	1.4	1.4	1.4
	LOCKED ROTOR AMPS	2.9	2.9	2.9
CONDENSER FAN	BLADE DIAMETER (INCHES) /# OF BLADES	22 / 4	22 / 4	22 / 4
CONDENSER	FACE AREA - SQ. FT.	16.0	16.0	19.5
COIL	NUMBER OF ROWS	1	1	1
	FINS PER INCH	28	28	28
EVAPORATOR	HORSEPOWER - NO. OF SPEEDS	1/2 - 3	1/2 - 3	3/4 - 3
BLOWER	FULL LOAD AMPS	2.87	2.87	5.8
MOTOR	LOCKED ROTOR AMPS	4.9	4.9	NA
	MOTOR SPEED TAP - COOLING	LOW	MEDIUM	T2
	RPM	1075	1075	1075
EVAPORATOR	DIAMETER X WIDTH (INCHES)	10 x 8	10 x 8	11 x 8
BLOWER	RATED SCFM COOLING	1,410	1,585	1,850
	MAX EXTERNAL STATIC PRESS ("w.c.)	0.5	0.5	0.5
EVAPORATOR	FACE AREA - SQ. FT.	6.2	6.2	7.0
COIL	NUMBER OF ROWS	4	4	4
	FINS PER INCH	14	14	14
GENERAL	FILTER SIZE - SQ. FT. *	(2) 20 x 20 x 1	(2) 20 x 20 x 1	(2) 20 x 25 x 1
INFORMATION	DRAIN SIZE (INCHES)	3/4"	3/4"	3/4"
	EXPANSION DEVICE	ORIFICE (0.072)	ORRIFICE (0.078)	ORIFICE (0.088)
	REFRIGERANT CHARGE R-410A (Oz.)	88	80	93
	POWER SUPPLY CONDUIT KNOCKOUT SIZE (IN.)	3/4, 1, 1-1/4	3 /4, 1, 1-1/4	3/4, 1, 1-1/4
	LOW VOLTAGE CONDUIT KNOCKOUT SIZE (IN.)	1/2	1/2	1/2
	SHIPPING WEIGHT LBS.	370	400	400
	OPERATING WEIGHT LBS.	360	390	390

⁽¹⁾ Maximum Overcurrent Protection Device: **MUST** use Time Delay Fuse or HACR type Circuit Breaker of the same size as noted. Calculated external filter size based on air velocity of 300 ft/min.

5MM COILS

GPC1324H41AB

COOLING OPERATION

EXPANDED PERFORMANCE DATA

MODEL: GPC1324H41A*

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	115			21.5	1.00	21	2.21	10.0	447	159	21.2	1.00	23	2.20	6.6	443	158	20.2	1.00	25	2.16	9.8	435	155
	,		63	19.7	1.00	19	2.14	9.7	423	146	19.4	1.00	21	2.13	9.7	420	145	18.4	1.00	23	2.10	9.2	412	142
			29	19.0	1.00	18	2.10	9.2	393	137	18.7	1.00	20	2.09	9.2	330	136	17.8	1.00	22	2.05	9.3	382	134
			71		-									-								-	-	
	2		67	23.3	1.00	23	2.14	9.2	404	154	22.9	1.00	22	2.13	9.2	401	153	21.8	1.00	27	2.09	9.3	393	150
	105		ಜ	21.2	1.00	21	2.07	9.2	383	141	20.9	1.00	23	2.06	9.2	380	140	19.9	1.00	24	2.03	0.6	372	137
			29	20.5	1.00	20	2.03	9.0	326	133	20.2	1.00	22	2.02	9.0	353	132	19.2	1.00	23	1.99	8.9	346	129
			71		1				-													-		
		4	67	24.5	1.00	24	2.06	9.0	328	147	24.1	1.00	26	2.04	9.0	357	146	22.9	1.00	28	2.01	8.8	320	143
rature	92	erature	63	22.3	1.00	22	1.99	8.8	340	135	22.0	1.00	24	1.98	8.7	338	134	20.9	1.00	26	1.95	9.8	331	131
Outdoor Ambient Temperature		Wet Bulb Temperature	29										23	1.94			126 1			25				
nbient		/et Bul		21.6	1.00	21	1.95	8.6	316	127	21.2	1.00		1.9	8.5	314	Н	20.2	1.00		1.91	8.4	308	123
door A		door V	71	- 1	- 0	- 1	- 9			- C	- 2	- 0	- ,	- 9		3 -	- 6	- 2	- 0	- (2 -		- 2	
Out	82	Entering Indoor	67	9 25.1	0 1.00	24	0 1.96	8.5	315	3 140	6 24.7	0 1.00	27	9 1.95	8.5	7 313	7 139	4 23.5	0 1.00	29	6 1.92	8.3	1 307	5 136
		Ente	63	1 22.9	1.00	22	3 1.90	8.3	3 299	128	3 22.6	0 1.00	24	5 1.89	8.2	3 297	127	7 21.4	1.00	26	2 1.86	8.1) 291	, 125
			29	22.1	1.00	21	1.86	8.1	278	121	21.8	1.00	24	1.85	8.1	276	120	20.7	1.00	25	1.82	7.9	270	117
			71		-	•		٠	•					-	-	٠	•	•	•	•	٠	-	-	•
	75		29	25.7	1.00	22	1.84	7.9	27.7	135	25.3	1.00	27	1.83	7.9	275	134	24.1	1.00	29	1.81	7.8	270	131
			63	23.5	1.00	23	1.79	7.7	263	123	23.1	1.00	25	1.78	7.7	261	123	22.0	1.00	27	1.75	7.6	256	120
			59	22.6	1.00	22	1.75	7.6	244	116	22.3	1.00	24	1.74	7.5	242	115	21.2	1.00	26	1.72	7.4	237	113
			71		-	-	1			-			-	-	-	-			-	-	-	•	-	•
	65		29	26.3	1.00	22	1.72	7.4	247	127	25.9	1.00	28	1.71	7.4	245	127	24.6	1.00	30	1.68	7.3	241	124
	9		ස	24.0	1.00	23	1.67	7.2	234	117	23.7	1.00	26	1.66	7.2	232	116	22.5	1.00	28	1.63	7.1	228	114
			59	23.2	1.00	22	1.63	7.1	217	110	22.8	1.00	22	1.63	0.7	216	109	21.7	1.00	27	1.60	6.9	212	107
				MBh	S/T	Delta T	ΚM	AMPS	HI PR	LOPR	MBh	S/T	Delta T	ΚW	AMPS	HI PR	LOPR	MBh	Z/S	Delta T	ΚM	AMPS	HI PR	LOPR
			Airflow				920							820							750			
			IDB*											20										

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23.1	1.00	22	2.30	10.4	470	171	22.7	1.00	25	2.29	10.4	467	170	21.6	1.00	26	2.25	10.2	458	167	
21.5	1.00	21	2.23	10.1	451	161	21.2	1.00	23	2.22	10.0	448	160	20.1	1.00	25	2.18	6.6	439	157	
19.9	1.00	19	2.16	8.6	427	147	19.6	1.00	21	2.15	9.7	424	146	18.6	1.00	23	2.11	9.6	416	144	
19.3	1.00	19	2.12	9.6	268	139	19.0	1.00	21	2.10	9.5	394	138	18.1	1.00	22	2.07	9.4	986	135	
24.9	1.00	54	2.23	6.6	426	166	24.5	1.00	27	2.22	9.8	423	165	23.3	1.00	29	2.18	9.7	414	161	
23.2	1.00	22	2.16	9.6	408	156	22.9	1.00	25	2.15	9.2	405	155	21.7	1.00	27	2.11	9.4	397	151	
21.4	1.00	21	2.09	9.3	387	143	21.1	1.00	23	2.08	9.3	384	142	20.1	1.00	25	2.05	9.1	376	139	
20.8	1.00	20	2.05	9.1	328	134	20.5	1.00	22	2.04	9.1	327	133	19.5	1.00	24	2.00	8.9	320	130	
26.2	1.00	22	2.14	9.4	378	158	25.8	1.00	28	2.13	9.3	376	157	24.5	1.00	30	2.09	9.5	368	154	
24.4	1.00	24	2.07	9.1	363	149	24.1	1.00	26	2.06	9.0	360	148	22.9	1.00	28	2.03	8.9	353	145	
22.6	1.00	22	2.01	8.8	344	136	22.2	1.00	24	2.00	8.8	341	135	21.1	1.00	56	1.97	9.8	334	132	
21.9	1.00	21	1.97	9.8	319	128	21.6	1.00	23	1.96	9.8	317	127	20.5	1.00	22	1.93	8.5	311	124	ditions
26.9	1.00	56	2.04	8.8	332	151	26.5	1.00	29	2.02	8.8	330	150	25.2	1.00	31	1.99	8.7	323	147	VA) con
25.0	1.00	24	1.97	8.6	319	141	24.7	1.00	27	1.96	8.5	316	140	23.4	1.00	29	1.93	8.4	310	138	CCA (T
23.1	1.00	22	1.91	8.3	302	130	22.8	1.00	22	1.90	8.3	300	129	21.7	1.00	27	1.87	8.2	294	126	reaisA
22.5	1.00	22	1.87	8.2	280	122	22.1	1.00	24	1.86	8.1	278	121	21.0	1.00	26	1.83	8.0	273	118	Shaded area is ACCA (TVA) conditions
27.5	1.00	27	1.92	8.2	292	145	27.1	1.00	29	1.91	8.2	290	144	25.8	1.00	32	1.88	8.1	284	141	NOTE: ST
25.7	1.00	22	1.86	8.0	280	136	25.3	1.00	27	1.85	7.9	278	135	24.0	1.00	29	1.82	7.8	273	132	2
23.7	1.00	23	1.80	7.8	265	125	23.4	1.00	25	1.79	7.7	263	124	22.2	1.00	27	1.77	9.7	258	121	
23.0	1.00	22	1.77	9.7	247	117	22.7	1.00	25	1.76	9.7	242	116	21.5	1.00	26	1.73	2.7	240	114	
28.2	1.00	27	1.78	7.7	260	137	27.8	1.00	30	1.72 1.77	7.7	259	136	26.4	1.00	32	1.75	9.7	253	133	ture
26.3	1.00	22	1.73	2.2	250	129	25.9	1.00	28	1.72	7.4	248	128	24.6	1.00	30	1.69	7.3	243	125	empera
24.3	1.00	23	1.68	7.3	236	118	23.2 23.9	1.00	26	1.67	72	235	117	22.7	1.00	28	1.65	7.1	230	115	Bulb T
23.6	1.00	23	1.65	7.1	220	111	23.2	1.00	25	1.64	7.1	218	110	22.1	1.00	27	1.61	0.7	214	108	door Dry
MBh	S/T	Delta T	ΚM	AMPS	H PR	LOPR	MBh	S/T	Delta T	ΚW	AMPS	HI PR	LOPR	MBh	S/T	Delta T	KW	AMPS	HI PR	LOPR	* IDB: Entering Indoor Dry Bulb Temperature
			920			-				820	1	1					750				* IDB:
						,				75											

High and low pressures are measured at the liquid and suction access fittings. * IDB: Entering Indoor Dry Bulb Temperature

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5MM COILS

GPC1324H41AB

COOLING OPERATION

EXPANDED PERFORMANCE DATA

	L A N
Ĺ	ij
	ىد
	24H41A
	GPC13
	MODEL:

												Jutdoor	. Ambie	int Tem	Outdoor Ambient Temperature	_									
			65	2			7	5			85				95	5			105	2			115		
										E	:ntering	g Indoo	r Wet E	3ulb Ten	Entering Indoor Wet Bulb Temperature	re									
Airflow		29	63	29	71	29	63	29	71	29	63	29	7.1	29	63	67	71	29	ස	29	71	29	63	29	71
ı	MBh	24.0	24.5	26.2	28.0	23.4	23.9	25.6	27.3	22.9	23.4	25.0	26.7	22.3	22.8	24.4	26.0	21.2	21.7	23.1	24.7	19.6	20.1	21.4	22.9
	S√	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	Delta T	23	24	25	27	23	23	25	56	22	23	24	26	22	22	24	25	21	21	22	24	19	19	21	22
	KW	1.66	1.69	1.74	1.80	1.78	1.82	1.87	1.93	1.89	1.93	1.99	2.05	1.98	2.03	2.09	2.16	2.06	2.11	2.18	2.25	2.13	2.18	2.25	2.32
	AMPS	7.2	7.3	7.5	7.8	7.7	7.8	8.0	8.3	8.2	8.4	8.6	8.9	8.7	8.9	9.5	9.2	9.2	9.4	9.7	10.0	9.7	6.6	10.2	10.5
	HI PR	222	239	252	263	249	268	283	296	283	305	322	336	323	347	367	382	363	391	412	430	401	431	456	475
	LOPR	112	119	130	139	118	126	137	146	123	131	143	152	129	137	150	160	135	144	157	167	140	149	163	173
	MBh	23.6	24.1	25.8	27.6	23.1	23.6	25.2	26.9	22.5	23.0	24.6	26.3	22.0	22.5	24.0	25.7	20.9	21.3	22.8	24.4	19.3	19.8	21.1	22.6
	SY⊥	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	Delta T	56	56	28	30	22	56	27	83	24	25	27	28	24	24	26	28	23	ಜ	22	56	21	21	23	24
820	ΚM	1.65	1.68	1.73	1.79	1.77	1.81	1.86	1.92	1.88	1.92	1.98	2.04	1.97	2.01	2.08	2.15	2.05	2.10	2.16	2.23	2.12	2.17	2.24	2.31
	AMPS	7.2	7.3	7.5	7.7	9.7	7.8	8.0	8.3	8.2	8.4	8.6	8.9	8.7	8.8	9.1	9.4	9.1	9.3	9.6	6.6	9.6	9.8	10.1	10.4
	HI PR	220	237	250	261	247	266	281	293	281	303	320	333	320	345	364	380	360	388	410	427	398	428	452	472
	LOPR	111	118	129	138	118	125	136	145	122	130	142	151	128	136	149	159	134	143	156	166	139	148	162	172
	MBh	22.5	22.9	24.5	26.2	21.9	22.4	23.9	25.6	21.4	21.9	23.4	25.0	20.9	21.3	22.8	24.4	19.8	20.3	21.7	23.2	18.4	18.8	20.1	21.4
	S∕T	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	Delta T	28	28	30	32	22	27	59	31	56	27	58	31	56	56	28	30	24	22	27	28	23	23	25	56
720	KW	1.63	1.66	1.71	1.76	1.74	1.78	1.83	1.89	1.85	1.89	1.95	2.01	1.94	1.98	2.04	2.11	2.02	2.06	2.13	2.20	2.09	2.13	2.20	2.27
	AMPS	7.0	7.2	7.4	7.6	7.5	7.7	7.9	8.1	8.1	8.2	8.5	8.7	8.5	8.7	9.0	9.2	9.0	9.2	9.5	9.8	9.2	9.7	6.6	10.3
	HI PR	216	232	245	256	242	261	275	287	276	297	313	327	314	338	357	372	353	380	401	419	330	420	443	462
	LOPR	109	116	127	135	115	123	134	142	120	127	139	148	126	134	146	156	132	140	153	183	136	145	158	169
ĺ											NOTE:		d area n	eflects A	VRI rating	Shaded area reflects ARI rating conditions	SU								

											NOI E	जावपद्धा वास्त्र		iellects 7	יאו ומוווט	ARI TALLITY COLIDITIONS									ı
	MBh	24.4	24.9	26.1	27.8	23.8	24.3	25.5	27.2	23.3	23.7	24.8	26.5	22.7	23.1	24.2	25.9 2	21.6 2	22.0 23	23.0 24.6	.6 20.0	.0 20.4	.4 21.3	3 22.8	ø
	S/T	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	.00	1.00 1.	1.00 1.00	_	1.00 1.00	00.1 00	00.1	0
	Delta T	24	24	22	27	23	24	25	26	23	23	24	56	22	22	23	25	21	21 2	22 2	24 19	19 2	20 21	22	
920	KW	1.67	1.71	1.76	1.81	1.79	1.83	1.89	1.95	1.90	1.94	2.00	2.07	2.00	2.04	2.11	2.17 2	2.08 2	2.13 2.	2.19 2.27	27 2.15	15 2.20	20 2.27	7 2.34	4
	AMPS	7.2	7.4	9.7	7.8	7.7	7.9	8.1	8.4	8.3	8.5	8.7	0.6	8.8	0.6	9.2	9.5	9.3	9.5	9.7 10.1	1.1	7 10.0	.0 10.3	3 10.6	ဖ
	H PR	224	241	255	266	252	27.1	286	298	286	308	325	339	326	351	370	386	367 3	394 4	416 434	34 405	5 436	16 460) 480	0
	LOPR	113	120	131	140	120	127	139	148	124	132	144	154	130	139	152	161	137 1	145 1	159 16	69 141		150 164	175	10
	MBh	24.0	24.5	25.7	27.4	23.5	23.9	25.1	26.8	22.9	23.4	24.5	26.1	22.4	22.8	23.9	25.5	21.2	21.7 2	22.7 242	Н	19.7 20.1	.1 21.0	0 22.4	4
	S/T	1.00	1.00 1.00 1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00 1	1.00 1	1.00 1.	1.00 1.00	Н	1.00 1.00	00.1	00.1	0
	Delta T	56	27	28	30	25	26	27	29	25	25	26	28	24	25	26	28	23	23 23	25 2	26 21	1 22	2 23	24	
820	ΚW	1.66	1.70	1.75	1.80	1.79	1.82	1.88	1.92	1.89	1.93	1.99	2.06	1.99	2.03	2.09	2.16 2	2.07 2	2.11 2.	2.18 2.25		2.14 2.19	19 2.26	5 2.33	က
	AMPS	7.2	7.4	9.2	7.8	7.7	7.8	8.1	8.3	8.3	8.4	8.7	8.9	8.7	8.9	9.5	9.5	9.2	9.4	9.7 10	10.0	7 9.9	9 10.2	2 10.5	رم م
	H PR	223	240	253	264	250	569	284	296	284	306	323	337	324	348	368	383	364	392 4	414 431	31 402	12 433	3 457	7 477	_
	LOPR	112	120	130	139	119	126	138	147	123	131	143	153	130	138	150	160	136 1	144 1	158 16	14	140 14	149 163	3 174	4
	MBh	22.8	23.3	24.4	26.0	22.3	22.7	23.8	25.4	21.8	22.2	23.3	24.8	21.2	21.7	22.7	24.2	20.2	20.6 2	21.6 23.0	18.7	_	9.1 20.0	21.3	က
	SYT	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00.1	.00	1.00 1.	1.00 1.00	_	1.00 1.00	00.1 00	00.1	0
	Delta T	28	29	30	32	27	28	59	31	27	27	29	30	26	27	28	30	25	25 2	26 2	28 2:	23 2:	23 24	26	
750	ΚW	1.64	1.67	1.72	1.77	1.76	1.79	1.85	1.91	1.86	1.90	1.96	2.02	1.96	2.00	2.06	2.13 2	.04 2	2.08 2.	2.15 2.22	22 2.1	10 2.15	15 2.22	2 2.29	6
	AMPS	7.1	7.2	7.4	7.7	9.7	7.7	6.7	8.2	8.1	8.3	8.5	8.8	9.8	8.8	9.0	9.3	9.1	9.3	9.5	9.8	5 9.7	7 10.0	10.4	4
	HI PR	218	235	248	259	245	263	278	290	278	300	316	330	317	341	360	376	357 3	384 4	405 423	23 394	424	448	3 467	7
	LOPR	110	117	128	136	116	124	135	144	121	129	140	150	127	135	147	. 157	133 1	142 1	55 16	65 13	138 14	146 160	170	0
NOTE: §	NOTE: Shaded areas is AHRI Rating Conditions	is AHRI	Rating	Condition	Suc		IDB: Er	tering In	door D	IDB: Entering Indoor Dry Bulb Temperature	Temper	ature	Z	KW = Tot	Total system	power									

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NOTE: Shaded areas is AHRI Rating Conditions IDB: Entering Indoor Dry Bulb Temperature K High and low pressures are measured at the liquid and suction access fittings.

AMPS: Unit amps (comp.+ evaporator + condenser fan motors)

5MM COILS

GPC1330H41AB

COOLING OPERATION

EXPANDED PERFORMANCE DATA

MODEL: GPC1330H41A*

Title final Inches Met Builb Temperature 71 59 63 67 71 59 63 67 71 59 67 71 59 63 67 71 59 67 71 59 63 67 71 59 63 67 71 59 63 67 71 59 67 71 59 63 67 71 59 63 67 71 59 67 71	¥4
59 63 67 71 59 63 67 71 59 67 71 59 67 71 59 67 71 59 67 71 59 67 71 59 67 71 59 67 71 59 67 71 59 67 71 59 67 71 67 71 70 70 20<	6,9
56 67 71 59 63 67 71 59 63 67 71 59 63 67 71 59 67 71 59 67 71 59 67 71 67 67 71<	
265 27.5 30.1 - 26.9 26.4 - 24.6 25.5 27.9 - 22.8 23.6 0.79 0.66 0.46 - 0.81 0.68 0.47 - 0.84 0.70 0.49 - 0.25 27.8 27.8 27.9 - 0.25 0.71 1	Airflow 59 63 67 71 59 63 67
0.79 0.66 0.46 - 0.81 0.68 0.47 - 0.84 0.70 0.49 - 0.85 0.71 17 15 11 1 11 1 15 11 1 11 1	MBh 27.8 28.8 31.6 - 27.2 28.2 30.9
17 15 11 1 11 1 14 11 1 14 11 1 15 11 1 14 11 1 14 11 1 14 11 1 14 11 1	S/T 0.74 0.62 0.43 - 0.77 0.64 0.44
2.01 2.05 2.12 2.16 2.24 - 2.21 2.26 2.34 - 2.29 2.34 9.1 9.3 9.5 - 9.6 9.8 10.1 - 10.2 10.4 10.7 - 10.7 10.9	Delta
9.1 9.3 9.5 9.8 10.1 - 10.2 10.4 10.7 - 10.7 10.9 10.9 10.9 10.9 10.7 10.9 10.7 10.9 10.7 10.9 10.7 10.7 10.9 10.7 10.9 10.7 10.8 10.8 10.9 10.8 10.8 10.9 10.8 10.8 10.8 10.8 10.8 10.8 10.8 10.8 10.8 10.8 10.8 10.8 10.8 10.8 10.8 10.8 10.8 10.8	1145 KW 1.75 1.78 1.84 - 1.89 1.93 1.99
299 322 340 - 341 367 387 - 436 - 423 456 - 436 - 423 456 - 436 - 423 456 - 436 - 423 456 - 459 151 - 423 456 - 423 456 - 436 145 - 423 456 - 423 456 - 423 456 - 423 456 - 423 456 - 423 456 - 423 456 - 423 456 - 423 456 - 423 456 - 423 456 - 520 - 423 456 - 423 456 - 520 - 423 456 - 423 456 - 423 456 - 423 456 - 423 426 - 423 426	AMPS 7.9 8.1 8.3 - 8.5 8.6 8.9
118 126 138 - 124 132 145 - 130 139 151 - 135 145 - 145 - 130 139 151 - 135 145 - 145 - 145 - 145 - 147 15 17 15 17	HI PR 234 252 266 - 263 283 299
25.8 26.7 29.3 - 25.1 26.1 26.1 26.5 - 26.5 26.1 26.5 - 26.5 26.7 27.1 - 22.1 22.9 27.2 27.1 - 22.1 22.1 22.1 22.1 22.1 22.1 22.1 22.1 22.1 22.1 22.1 22.1 22.1 22.1 22.1 22.1 22.1 22.1 22.2 22.2 22.2 22.9 22.2 22.9 22.9 22.2 22.9 22.9 22.2 22.9 22.9 22.2 22.9 22.9 22.2 22.9 22.9 22.2 22.9 22.9 22.2 22.9 22.9 22.2 22.9 22.9 22.7 22.2 22.9 22.9 22.7 22.2 22.9 22.9 22.7 22.2 22.9 22.9 40.8 431 41.9 451 117 125 136 2.7 2.1 2.2 2.2 2.2 2.2 </td <td>LO PR 108 115 125 - 114 121 132</td>	LO PR 108 115 125 - 114 121 132
0.75 0.63 0.43 - 0.78 0.65 0.45 - 0.80 0.67 0.47 - 0.81 0.68 0.69 0.67 0.47 - 0.81 0.89 0.67 0.47 - 0.81 0.68 0.88 0.68 0.67 0.74 - 0.81 0.81 0.81 0.81 0.81 0.81 0.81 0.82 0.82 0.82 0.82 0.82 0.82 0.82 0.82 0.82 0.83	MBh 27.0 28.0 30.7 - 26.4 27.4 30.0
17 15 11 - 18 15 12 - 17 15 11 - 16 14 15 11 - 16 14 16 11 - 16 14 16 11 - 17 15 11 - 16 14 - 16 14 - 14 - 14 - 14 - 16 17 15 10 - 10	S/T 0.71 0.59 0.41 - 0.73 0.61 0.42
1.99 2.04 2.10 1 2.15 2.22 2 2.4 2.24 2.32 2 2.3 2.3 2.3 2.3 2.2 2 2.4 2.22 2 2.4 2.32 2 2.4 2.22 2 2.4 2.22 2 2.4 2.22 2 2.4 2.22 2 2.4 2.22 2 2.2 2.2 2.2 2.2 2.2 2.2 2.2 2.2 2.2 2.2 2.2 2.2 2.2 2.2 2.2 2.2 3.2	Delta
9.0 9.2 9.5 9.8 10.0 - 10.1 10.3 10.6 - 10.6 10.8 10.9 10.6 10.8 10.6	1020 KW 1.73 1.77 1.83 - 1.87 1.91 1.97
296 319 336 - 337 363 383 - 179 408 431 - 494 451 - 494 451 - 494 451 - 494 451 - 494 451 - 494 451 - 494 451 - 494 451 451 - 494 451 451 - 134 452 - 134 452 - 134 452 - 134 452 - 134 452 - 134 452 - 134 452 - 134 452 - 134 452 - 134 452 - 134 452 - 145 145 - 145 145 - 144 145 - 144 145 - 144 445 - 145 - 145 - 141 445 - 141 - 145 -	AMPS 7.9 8.0 8.2 - 8.4 8.6 8.8
117 125 136 - 123 131 143 - 129 137 150 - 134 142 245 25.4 27.8 2.0 2.3 2.7 2.7 2.5 2.5 2.5 2.0	HI PR 232 250 264 - 260 280 296
45 25.4 27.8 - 23.9 24.7 27.1 - 22.7 23.5 25.8 - 21.0 21.8 - 21.0 21.8 - 21.0 21.8 - 21.0 21.8 - 21.0	
0.72 0.60 0.42 - 0.74 0.62 0.43 - 0.77 0.64 0.45 - 0.78 0.65 0.77 0.64 0.45 - 0.78 0.65 0.79 0.66 0.77 0.64 0.45 - 0.79 0.69 0.79 0.69 0.79 0.79 0.78 - 0.79	MBh 25.7 26.6 29.1 - 25.1 26.0 28.5
18 16 12 - 18 16 12 - 18 15 12 - 17 14 1.36 2.00 2.07 - 2.06 2.11 2.18 - 2.15 2.20 2.28 - 2.23 2.28 8.9 9.1 9.4 9.6 9.9 - 9.9 10.1 10.4 - 10.4 10.7 2.90 312 330 3.56 3.76 - 372 400 4.22 - 411 442 115 122 133 - 121 128 140 - 127 135 147 - 131 139	S/T 0.68 0.57 0.39 - 0.70 0.59 0.41
1.96 2.00 2.07 - 2.06 2.11 2.18 - 2.15 2.20 2.28 - 2.23 2.28 8.9 9.1 9.3 - 9.4 9.6 9.9 - 9.9 10.1 10.4 - 10.4 10.7 2.90 312 330 3.56 376 - 372 400 422 - 411 442 1.15 122 133 - 121 128 140 - 127 135 147 - 131 139	DeltaT 18 15 12 - 18 16 12
8.9 9.1 9.3 - 9.4 9.6 9.9 - 9.9 10.1 10.4 - 10.4 10.7 2.90 312 330 - 330 356 376 - 372 400 422 - 411 442 115 122 133 - 121 128 140 - 127 135 147 - 131 139	900 KW 1.70 1.74 1.80 - 1.84 1.88 1.94
290 312 330 - 330 366 376 - 372 400 422 - 411 442 115 122 133 - 121 128 140 - 127 135 147 - 131 139	AMPS 7.7 7.9 8.1 - 8.3 8.4 8.7
115 122 133 - 121 128 140 - 127 135 147 - 131 139	HI PR 227 245 258 - 255 275 290
	LOPR 105 111 122 - 111 118 128

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3 27.7	0.42	6	2.53	11.7	202	169	26.9	0.40	10	2.51	11.6	505	167	3 25.6	0.38	10	3 2.46	11.4	492	164
25.8	0.65	14	2.44	11.3	486	158	25.1	0.62	14	2.42	11.3	481	157	23.8	09:0	15	2.38	11.1	472	154
23.9	0.87	17	2.36	11.0	460	145	23.2	0.83	17	2.34	10.9	456	144	22.0	0.79	18	2.30	10.7	447	141
23.2	0.97	18	2.31	10.8	428	136	22.5	0.92	19	2.29	10.7	423	135	21.4	0.88	19	2.25	10.5	415	132
29.9	0.42	10	2.44	11.1	459	163	29.0	0.40	10	2.42	11.0	454	161	27.6	0.38	11	2.38	10.9	445	158
27.9	0.65	15	2.36	10.8	440	153	27.1	0.62	15	2.34	10.7	435	151	25.7	0.59	16	2.30	10.5	427	148
25.8	0.86	18	2.28	10.5	417	140	25.0	0.82	18	2.26	10.4	412	139	23.8	0.78	19	2.22	10.2	404	136
25.0	96.0	19	2.23	10.2	387	132	24.3	0.91	20	2.21	10.2	383	130	23.1	0.88	21	2.17	10.0	376	128
31.5	0.40	10	2.34	10.5	408	155	30.6	0.38	11	2.32	10.5	404	154	29.0	0.37	11	2.28	10.3	396	151
29.3	0.63	15	2.26	10.2	391	146	28.5	09.0	15	2.24	10.1	387	145	27.1	0.57	16	2.20	10.0	379	142
27.1	0.83	18	2.18	6.6	370	134	26.3	0.79	19	2.17	9.8	367	132	25.0	0.76	19	2.13	2.6	329	130
26.3	0.92	20	2.14	26	344	126	25.6	0.88	20	2.12	9.6	341	124	24.3	0.84	71	2.08	98	334	122
32.3	0.39	10	2.21	6.6	358	148	31.3	0.37	11	2.20	6.6	354	147	29.8	0.36	11	2.16	2.6	347	144
30.1	0.61	15	2.14	9.6	343	139	29.2	0.58	15	2.12	9.2	340	138	27.7	0.55	16	2.09	9.4	333	135
27.8	0.80	18	2.07	9.4	325	127	27.0	0.76	19	2.05	9.3	322	126	25.6	0.73	19	2.02	9.1	315	124
27.0	0.90	19	2.03	9.5	302	120	262	0.85	20	2.01	9.1	299	118	24.9	0.82	21	1.97	8.9	293	116
33.1	0.38	10	2.08	9.5	315	142	32.1	0.36	10	2.06	9.5	312	141	30.5	0.35	11	2.02	9.0	305	138
30.8	0.59	15	2.01	0.6	302	134	29.9	0.56	15	1.99	8.9	299	132	28.4	0.54	16	1.96	8.7	293	130
28.5	0.78	18	1.94	8.7	286	122	27.6	0.74	19	1.93	8.6	283	121	26.3	0.71	19	1.90	8.5	277	119
27.6	0.87	19	1.90	8.5	266	115	26.8	0.83	20	1.89	8.5	263	114	25.5	0.80	21	1.85	8.3	258	112
33.9	0.37	10	1.92	8.6	281	135	32.9	0.35	10	1.90	8.6	278	133	31.2	0.34	11	1.87	8.4	272	131
31.5	0.57	14	1.86	8.4	569	127	30.6	0.54	15	1.84	8.3	266	125	29.1	0.52	15	1.81	8.2	261	123
29.1	0.75	18	1.80	8.1	255	116	28.3	0.72	18	1.79	8.1	252	115	26.9	69.0	19	1.76	8.0	247	112
28.3	0.84	19	1.76	8.0	237	109	27.5	0.80	20	1.75	7.9	234	108	26.1	0.77	21	1.72	7.8	230	106
MBh	S/T	Delta T	KW	AMPS	HR	LO PR	MBh	S/T	Delta T	ΚM	AMPS	HI PR	LOPR	MBh	S/T	Delta T	ΚM	AMPS	HI PR	LOPR
			1145							1020							006			
										72										

NOTE: Shaded area is ACCA (TVA) conditions * IDB: Entering Indoor Dry Bulb Temperature High and low pressures are measured at the liquid and suction access fittings.

5MM COILS

GPC1330H41AB

COOLING OPERATION

EXPANDED PERFORMANCE DATA

_																								
			71	27.5	0.61	13	2.55	11.8	512	170	26.7	0.58	14	2.53	11.7	202	169	25.4	0.55	14	2.48	11.5	497	165
	7.	,	<i>L</i> 9	25.7	0.81	17	2.46	11.4	491	160	25.0	0.77	17	2.44	11.3	486	158	23.7	0.74	18	2.40	11.2	476	155
	115		63	24.1	1.00	19	2.38	11.1	465	146	23.4	0.95	20	2.36	11.0	460	145	22.2	0.91	21	2.32	10.8	451	142
			29	23.6	1.00	19	2.33	10.9	432	138	22.9	1.00	21	2.31	10.8	428	136	21.7	0.97	22	2.27	10.6	419	134
			71	29.7	09.0	14	2.46	11.2	463	165	28.8	0.57	15	2.44	11.1	459	163	27.4	0.55	15	2.40	11.0	450	160
	ري		29	27.8	0.80	18	2.38	10.9	444	155	27.0	0.77	19	2.36	10.8	440	153	25.6	0.73	19	2.32	10.6	431	150
	105	:	ೞ	26.0	1.00	21	2.30	10.6	421	142	25.3	0.94	21	2.28	10.5	417	140	24.0	0.90	22	2.24	10.3	408	137
			29	25.5	1.00	20	2.25	10.3	391	133	24.7	1.00	22	2.23	10.2	387	132	23.5	96.0	23	2.19	10.1	379	129
			71	31.3	0.58	15	2.36	10.6	412	157	30.4	0.55	15	2.34	10.5	408	155	28.8	0.53	16	2.30	10.4	400	152
			29	29.3	0.77	18	2.28	10.3	395	147	28.4	0.74	19	2.26	10.2	391	146	27.0	0.71	19	2.22	10.0	383	143
1	95 95	rature	63	27.4		21	2.20	10.0	374	135	26.6		22	2.18	6.6	370	134	25.3		22	2.15	9.8	363	131
On the second Transfer of the	5	Entering Indoor Wet Bulb Temperature	<u> </u>		0.95							7 0.91							3 0.87					
- 40014		et Bulb	29	1 26.8	0.1	2	3 2.15	9.8	2 348	127	1 26.0	3 0.97	23	1 2.14	26 (344	3 126	6 24.7	1 0.93	23	8 2.10	6 9.5	1 337	5 123
100	5	door W	71	32.1	5 0.56	14	5 2.23	10.0	362	150	1 31.1	1 0.53	15	4 2.21	6.6	358	148	7 29.6	3 0.51	15	0 2.18	9.6	351	3 145
3	2	ring In	29	30.0	2 0.75	18	9 2.16	9.7	347	140	2 29.1	3 0.71	19	7 2.14	9.6	343	, 139	3 27.7	4 0.68	19	4 2.10	9.5	336	136
		Ente	හ	5 28.1	0.92	21	1 2.09	9.4	328	129	7 27.2	0.88	22	3 2.07	9.4	325	127	3 25.9	0.84	22	9 2.04	9.5	319	125
		1	29	3 27.5	0.1	22	2.04	9.5	305	. 121	26.7	0.94	23	3 2.03	9.5	302	120	3 25.3	0.00	23	1.99	9.0	296	117
			71	32.8	0.55	14	2.09	9.3	318	144	31.9	0.52	15	2.08	9.5	315	142	30.3	0.50	15	2.04	9.1	309	140
	75		29	30.7	0.73	18	2.03	9.0	302	135	29.8	0.70	19	. 2.01	9.0	302	134	28.3	0.67	19	1.97	8.8	296	131
			63	28.7	0.90	21	1.96	8.8	289		27.9	0.86	22	1.94	8.7	286	123	26.5	0.82	22	1.91	8.6	280	120
	L	_	29	28.1	96.0	22	1.92	8.6	268	116	27.3	0.91	22	1.90	8.5	266	115	25.9	0.87	23	1.87	8.4	260	113
			7	. 33.6	0.53	14	1.94	8.7	283	136	32.6	0.50	15	1.92	8.6	281	135	31.0	0.48	15	1.89	8.5	275	132
	55		29	31.4	0.71	18	1.87	8.4	272	128	30.5	29.0	19	1.86	8.4	269	127	29.0	0.64	19	1.83	8.2	264	124
			83	29.4	0.87	20	1.81	8.2	257	117	28.6	0.83	21	1.80	8.1	255	116	27.1	0.79	22	1.77	8.0	250	114
L			29	28.8	0.92	21	1.78	8.0	239	110	28.0	0.88	22	1.76	8.0	237	109	26.6	0.84	23	1.73	7.9	232	107
				MBh	S/T	Delta T	ΚM	AMPS	HI PR	LOPR	MBh	Z/S	Delta T	ΚW	AMPS	HI PR	LOPR	MBh	Z/S	Delta T	ΚM	AMPS	HI PR	LO PR
			Airflow				1145							1020							006			
			IDB*											8										

	27.3	0.79	17	2.57	11.9	517	172	26.5	0.75	18	2.55	11.8	512	170	25.2	0.72	18	2.51	11.6	502	167	
	25.6	0.97	8	2.49	11.5	496	161	24.9	0.92	21	2.46	11.4	491	160	23.6	0.88	21	2.42	11.3	481	157	
	24.5	1.00	20	2.40	11.2	470	148	23.7	1.00	21	2.38	11.1	465	146	22.6	0.98	23	2.34	10.9	456	143	
	24.0	1.00	19	2:32	11.0	436	139	23.3	1.00	17	2.33	10.9	432	138	22.1	1.00	23	2.29	10.7	423	135	
	29.5	0.78	18	2.48	11.3	468	166	28.6	0.74	19	2.46	11.2	463	165	27.2	0.71	20	2.42	11.0	454	161	
	27.7	0.96	21	2.40	11.0	449	156	26.8	0.92	22	2.38	10.9	444	155	25.5	0.88	23	2.34	10.7	435	151	
	26.4	1.00	21	2.32	10.6	425	143	25.6	1.00	23	2.30	10.6	421	142	24.4	0.97	24	2.26	10.4	412	139	
	25.9	1.00	21	2.27	10.4	395	134	25.1	1.00	23	2.25	10.3	391	133	23.9	1.00	24	2.21	10.2	383	130	
suc	31.1	0.75	19	2.38	10.7	416	159	30.1	0.72	19	2.36	10.6	412	157	28.6	69.0	20	2.32	10.5	404	154	
g conditic	29.1	0.93	22	2.30	10.4	336	149	28.3	0.88	22	2.28	10.3	395	147	26.8	0.85	23	2.24	10.1	387	145	n power
Shaded area reflects AHRI rating conditions	27.8	1.00	22	2.22	10.1	378	136	27.0	0.98	24	2.20	10.0	374	135	25.6	0.94	22	2.16	8.6	292	132	KW = Total system power
eflects /	27.3	1.00	8	2.17	6.6	351	128	26.5	1.00	24	2.15	8.6	348	127	25.1	0.97	22	2.12	9.6	341	124	W = TC
d area r	31.8	0.73	19	2.25	10.1	365	151	30.9	0.69	19	2.23	10.0	362	150	29.4	99.0	20	2.19	6.6	354	147	1
Shade	29.8	0.90	21	2.18	9.8	320	142	29.0	98.0	22	2.16	2.6	347	140	27.5	0.82	23	2.12	9.5	340	138	rature
NOTE	28.5	0.99	23	2.11	9.2	332	130	27.7	0.95	24	2.09	9.4	328	129	26.3	0.91	24	2.05	9.3	322	126	Entering Indoor Dry Bulb Temperature
	27.9	1.00	52	2.06	9.3	308	122	27.1	0.98	24	2.04	9.5	306	121	25.8	0.94	22	2.01	9.1	299	1 18	ry Bulb
	32.6	0.71	19	2.11	9.4	321	145	31.7	0.68	19	2.09	9.3	318	144	30.1	0.65	20	2.06	9.2	312	141	ndoor
	30.6	0.87	71	2.04	9.1	308	136	29.7	0.83	22	2.03	0.6	305	135	28.2	0.80	23	1.99	8.9	299	132	Itering I
	29.2	0.97	23	1.98	8.8	292	125	28.3	0.92	24	1.96	8.8	289	124	26.9	0.89	24	1.93	8.6	283	121	IDB: Er
	28.6	1.00	23	1.93	8.7	271	117	27.8	96'0	24	1.92	9.8	368	116	26.4	0.92	52	1.89	8.5	263	114	
	33.4	0.68	18	1.95	8.8	286	138	32.4	0.65	19	1.94	8.7	283	136	30.8	0.63	20	1.90	8.6	278	133	ons
	31.3	0.84	71	1.89	8.5	274	129	30.4	0.80	22	1.87	8.4	272	128	28.9	0.77	23	1.84	8.3	266	125	Conditi
	29.9	0.93	22	1.83	8.3	260	118	29.0	0.89	23	1.81	8.2	257	117	27.6	0.85	24	1.78	8.1	252	115	Rating
	29.3	0.97	23	1.79	8.1	241	111	28.5	0.92	24	1.78	8.0	239	110	27.0	0.89	24	1.75	6.7	234	108	is AHR
	MBh	S/T	DeltaT	ΚM	AMPS	H PR	LOPR	MBh	S/T	Delta T	ΚM	AMPS	HI PR	LOPR	MBh	S/T	Delta T	ΚW	AMPS	HI PR	LOPR	NOTE: Shaded areas is AHRI Rating Conditions
				1145							1020							006				NOTE: Sh
											82											*

MODEL: GPC1330H41A*

NOTE: Shaded areas is AHRI Rating Conditions IDB: Entering Indoor Dry Bulb Temperature High and low pressures are measured at the liquid and suction access fittings.

AMPS: Unit amps (comp.+ evaporator + condenser fan motors)

5MM COILS

GPC1336H41AB

COOLING OPERATION

EXPANDED PERFORMANCE DATA

MODEL: GPC1336H41A*

- 3.16 3.23 3.33 - - 14.2 14.5 14.9 -	451	138 150 -
3.23	451	
	1 1	138
- 3.16	419	
	+	129
		٠
3.22		145
3.12		133
3.06	379	125
		٠
3.09	383	139
3.00	362	127
2.94	337	119
		-
2.94	336	132
2.86	318	121
2.80	296	114
		-
2.77	295	127
2.69	280	116
	260	109
		-
2.58	263	120
2.51	249	110
2.46	232	103
KW	H PR	LOPR
1050		
	2.46 2.51 2.58 - 2.80 2.86 2.94 - 2.94 3.00 3.09 - 3.06 10.6 10.8 11.1 - 11.3 11.5 11.8 - 12.1 12.3 12.7 - 12.8 13.1 13.4 - 13.5	2.46 2.51 2.58 - 2.64 2.69 2.77 - 2.80 2.86 2.94 - 2.94 3.00 3.09 - 3.06 10.6 10.8 11.1 - 11.3 11.5 11.8 - 12.1 12.7 - 12.8 13.1 13.4 - 13.5 232 249 263 - 290 296 318 336 - 337 362 383 - 379

34.3	0.42	10	3.59	16.1	522	168	33.3	0.40	10	3.56	15.9	517	167	30.8	0.39	10	3.47	15.5	501	162	
32.0	99.0	14	3.47	15.5	200	158	31.1	0.63	15	3.44	15.4	495	157	28.7	09.0	15	3.36	15.0	481	152	
29.6	0.87	17	3.36	15.1	474	145	28.7	0.83	18	3.34	15.0	469	143	26.5	0.80	19	3.25	14.6	455	139	
28.7	0.97	19	3.29	14.8	440	136	27.9	0.93	20	3.27	14.7	436	135	25.7	0.89	20	3.19	14.3	423	131	
37.1	0.42	11	3.47	15.3	472	163	36.0	0.40	11	3.44	15.1	468	161	33.2	0.39	11	3.35	14.8	454	156	
34.5	0.65	15	3.36	14.8	453	153	33.5	0.62	16	3.33	14.7	448	151	31.0	09.0	16	3.25	14.3	435	147	
31.9	0.86	19	3.25	14.4	429	140	31.0	0.82	19	3.23	14.2	425	139	28.6	0.79	20	3.15	13.9	412	134	
31.0	96.0	20	3.18	14.1	399	132	30.1	0.92	21	3.16	13.9	395	130	27.8	0.88	22	3.08	13.6	383	126	
39.0	0.40	11	3.33	14.4	420	155	37.9	0.38	11	3.30	14.3	416	154	35.0	0.37	11	3.22	14.0	403	149	
36.4	0.63	16	3.22	14.0	403	146	35.3	09.0	16	3.20	13.9	336	144	32.6	0.58	16	3.12	13.5	387	140	
33.6	0.83	19	3.12	13.6	381	134	32.6	0.79	20	3.10	13.5	37.7	132	30.1	0.76	20	3.02	13.2	366	128	
32.6	0.93	21	3.06	13.3	354	126	31.7	0.88	21	3.03	13.2	351	124	29.2	0.85	22	2.96	12.9	340	121	ditions
40.0	0.39	11	3.16	13.6	369	148	38.8	0.37	11	3.14	13.5	365	146	35.8	98.0	11	3.06	13.2	354	142	(A) con(
37.3	0.61	15	3.07	13.2	353	139	36.2	0.58	16	3.04	13.1	320	137	33.4	0.56	16	2.97	12.8	333	133	CA (T)
34.4	0.80	19	2.97	12.8	335	127	33.4	0.77	20	2.95	12.7	331	126	30.9	0.74	20	2.88	12.4	321	122	æisA(
33.4	0.30	20	2.91	12.6	311	120	32.5	0.86	21	2.89	12.5	308	118	30.0	0.83	22	2.82	12.2	299	115	Shaded area is ACCA (TVA) conditions
41.0	0.38	11	2.98	12.7	324	142	39.8	0.36	11	2.96	12.6	321	141	36.7	0.35	11	2.89	12.3	311	137	NOTE: Shi
38.2	0.59	15	2.89	12.3	311	134	37.1	0.57	16	2.87	12.2	308	132	34.2	0.55	16	2.80	11.9	299	128	2
35.3	0.78	19	2.80	12.0	294	122	34.2	0.75	20	2.78	11.9	291	121	31.6	0.72	20	2.71	11.6	283	118	
34.3	0.88	20	2.74	11.7	274	115	33.3	0.84	21	2.72	11.6	27.1	114	30.7	0.81	22	2.66	11.4	263	110	
42.0	0.37	11	2.77	11.9	289	135	38.0 40.7	0.35	11	2.75	11.8	286	133	37.6	0.34	11	2.68	11.5	277	129	alle
39.1	0.57	15	2.69	11.5	277	126		0.55	16	2.67	11.4	274	125	32.0	0.53	16	2.60	11.2	266	121	mperat
36.1	92.0	19	2.61	11.2	262	116	35.1	0.72	19	2.59	11.1	260	115	32.4	69.0	20	2.53	10.9	252	111	Bulb Te
35.1	0.84	20	2.55	11.0	244	109	34.1	0.81	21	2.53	10.9	241	108	31.4	0.78	21	2.48	10.7	234	105	oor Dry
MBh	S/T	Delta T	KW	AMPS	H PR	LOPR	MBh	S/T	Delta T	KW	AMPS	H PR	LOPR	MBh	S/T	Delta T	KW	AMPS	HI PR	LOPR	* IDB: Entering Indoor Dry Bulb Temperature
			1350		<u> </u>	I				1200	<u> </u>		ı		<u> </u>		1050				* IDB: E
										72				_							

High and low pressures are measured at the liquid and suction access fittings. * IDB: Entering Indoor Dry Bulb Temperature

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5MM COILS

GPC1336H41AB

COOLING OPERATION

MOD	EL: G	MODEL: GPC1336H41A*	41A*					Ä	PA	N	<u> </u>	马氏	FC	RN	MA	CE	PANDED PERFORMANCE DATA	₹			O	COOL	.ING	COOLING OPERATION	₹ATI	N O
													Jutdoor	Ambie	nt Temp	Outdoor Ambient Temperature										П
				9	65			7	75			85				92				105	•			115		
											1	<u>-</u> nterin <u>c</u>	Entering Indoor Wet	r Wet B	ulb Ten	Bulb Temperature	9									
IDB*	Airflow		59	63	29	71	29	63	29	71	29	63	29	71	29	ස	67	71	29	63	29	71	29	63 (29	71
		MBh	35.7	36.5	39.0	41.7	34.9	35.6	38.1	40.7	34.0	34.8	37.2	39.7	33.2	33.9	36.3	38.8	31.5	32.2	34.4	36.8	29.2	29.9	31.9	34.1
		S/T	0.93	0.87	0.71	0.53	96'0	06.0	0.73	0.55	1.00	0.92	0.75	0.56	1.00	0.95	0.78	0.58	1.00	1.00	0.81	09:0	1.00	1.00 0	0.81 (0.61
		Delta T	23	22	19	15	23	22	19	15	23	22	19	15	23	22	19	15	21	22	19	15	20	20	18	14
	1350	KW	2.57	2.63	2.71	2.79	2.77	2.82	2.91	3.00	2.93	3.00	3.09	3.19	3.08	3.15	3.25	3.36	3.21	3.28	3.39	3.50	3.32	3.39 3	3.50	3.62
		AMPS	11.1	11.3	11.6	12.0	11.8	12.1	12.4	12.8	12.7	12.9	13.3	13.7	13.4	13.7	14.1	14.6	14.2	14.5	14.9	15.4	14.9	15.2 1	15.7	16.2
		H R	246	265	280	292	276	297	314	327	314	338	327	372	358	385	407	424	403	433	458	477	445	479 5	202	527
		LO PR	110	117	128	136	116	124	135	144	121	128	140	149	127	135	147	157	133	141	154	164	137	146 1	160	170
		MBh	34.7	35.4	37.8	40.5	33.9	34.6	37.0	39.5	33.0	33.8	36.1	38.6	32.2	32.9	35.2	37.6	30.6	31.3	33.4	35.7	28.4	29.0 3	31.0	33.1
		S/T	0.88	0.83	0.67	0.50	0.92	0.86	0.70	0.52	0.94	0.88	0.72	0.54 (0.97	0.91	0.74	0.55	1.00	0.94	0.77	0.57	1.00 (0.95 0	0.77 (0.58
		Delta T	23	22	20	16	24	23	20	16	24	23	20	16	24	23	20	16	23	23	20	16	22	21	18	15
8	1200	KW	2.55	2.61	2.69	2.77	2.74	2.80	2.89	2.98	2.91	2.97	3.07	3.17	3.06	3.12	3.22	3.33	3.18	3.25	3.36	3.47	3.29		3.47	3.59
		AMPS	11.0	11.2	11.5	11.9	11.7	12.0	12.3	12.7	12.6	12.8	13.2	13.6	13.3	13.6	14.0	14.4	14.1	14.4	14.8	15.3	14.8	15.1 1	15.5	16.1
		H PR	244	262	277	289	274	294	311	324	311	335	354	369	354	381	403	420	399	429	453	472	440	474 5	500	522
		LO PR	109	116	126	135	115	122	134	142	120	127	139	148	126	134	146	155	132	140	153	163	136	145 1	158	168
		MBh	32.0	32.7	34.9	37.3	31.2	31.9	34.1	36.5	30.5	31.2	33.3	35.6	29.8	30.4	32.5	34.7	28.3	28.9	30.9	33.0	26.2	26.8 2	28.6	30.6
		S/T	0.85	0.80	0.65	0.49	0.88	0.83	0.67	0.50	0.91	0.85	69.0	0.52	0.93	0.88	0.71	0.53	0.97	0.91	0.74	0.55 (0.98 (0.92 0	0.75 (0.56
		Delta T	24	23	20	16	24	23	20	16	24	23	20	16	24	23	20	16	24	23	20	16	22	21	19	15
	1050	KW	2.50	2.55	2.62	2.70	2.68	2.73	2.82	2.91	2.84	2.90	2.99	3.09	2.98	3.05	3.15	325	3.11	3.17	3.28	3.38	3.21	3.28 3	3.39	3.50
		AMPS	10.7	11.0	11.3	11.6	11.5	11.7	12.0	12.4	12.3	12.5	12.9	13.3	13.0	13.3	13.7	14.1	13.7	14.0	14.4	14.9	14.4	14.7 1	15.2	15.7
		H PR	236	254	269	280	265	286	302	314	302	325	343	328	344	370	391	407	387	416	439	458	427	460 4	485 ;	506
		LO PR	106	112	123	131	112	119	130	138	116	123	135	143	122	130	141	151	128	136	148	158	132	140 1	153	163

										_	-			_			_	-			
33.9	0.79	18	3.65	16.3	533	172	32.9	0.75	19	3.62	16.2	527	170	30.3	0.72	19	3.53	15.8	511	165	
31.7	0.97	21	3.53	15.8	511	161	30.8	0.93	22	3.50	15.7	202	160	28.4	0.89	22	3.42	15.3	490	155	
30.3	1.00	21	3.42	15.3	483	148	29.4	1.00	23	3.39	15.2	479	146	27.2	0.99	24	3.31	14.8	464	142	
29.7	1.00	20	3.35	15.0	449	139	28.9	1.00	22	3.32	14.9	445	137	26.6	1.00	23	3.24	14.5	431	133	
36.6	0.78	19	3.53	15.5	482	166	35.5	0.75	20	3.50	15.4	477	164	32.8	0.72	21	3.41	15.0	463	159	
34.3	96.0	22	3.41	15.0	462	156	33.3	0.92	23	3.39	14.9	458	154	30.7	0.89	24	3.30	14.5	444	150	
32.7	1.00	22	3.31	14.6	438	143	31.8	1.00	24	3.28	14.5	433	141	29.3	0.98	22	3.20	14.1	420	137	
32.1	1.00	22	3.24	14.3	407	134	31.2	1.00	24	3.21	14.2	403	133	28.8	1.00	25	3.13	13.8	391	129	
38.5	0.75	20	3.38	14.7	428	158	37.4	0.72	21	3.36	14.6	424	157	34.5	69.0	21	327	14.2	411	152	
36.1	0.93	23	3.28	14.2	411	149	35.0	0.89	24	3.25	14.1	407	147	32.3	0.85	24	3.17	13.8	394	143	m power
34.4	1.00	23	3.18	13.8	389	136	33.4	0.98	22	3.15	13.7	382	135	30.9	0.95	26	3.07	13.4	374	131	KW = Total system power
33.8	1.00	23	3.11	13.5	361	128	32.8	1.00	22	3.08	13.4	328	127	30.3	0.98	26	3.01	13.1	347	123	KW = T
39.4	0.73	20	3.22	13.9	376	151	38.3	0.70	20	3.19	13.7	372	149	35.4	0.67	21	3.11	13.4	361	145	
37.0	06.0	23	3.12	13.4	361	142	35.9	0.86	24	3.09	13.3	357	140	33.1	0.83	24	3.02	13.0	346	136	rature
35.3	1.00	24	3.02	13.0	342	130	34.3	0.95	22	3.00	12.9	338	128	31.6	0.92	22	2.92	12.6	328	125	Tempe
34.6	1.00	24	2.96	12.8	317	122	33.6	0.98	22	2.93	12.7	314	121	31.0	0.95	26	2.86	12.4	302	117	ry Bulb
40.4	0.71	20	3.03	12.9	331	145	39.2	0.68	20	3.00	12.8	327	144	36.2	0.65	21	2.93	12.5	318	139	IDB: Entering Indoor Dry Bulb Temperature
37.9	0.88	23	2.93	12.5	317	136	36.8	0.84	24	2.91	12.4	314	135	33.9	0.81	24	2.84	12.1	302	131	lering I
36.2	0.97	24	2.85	12.2	300	125	35.1	0.93	25	2.82	12.1	297	124	32.4	0.89	25	2.76	11.8	288	120	IDB: Er
35.5	1.00	24	2.79	11.9	279	117	34.4	96.0	25	2.77	11.8	276	116	31.8	0.93	26	2.70	11.5	268	113	
41.4	0.69	19	2.81	12.1	295	137	402	0.65	20	2.79	12.0	292	136	37.1	0.63	20	2.73	11.7	283	132	ions
38.8	0.85	22	2.73	11.7	283	129	37.7	0.81	23	2.71	11.6	280	128	34.8	0.78	24	2.64	11.3	271	124	Condit
37.0	0.94	24	2.65	11.4	268	118	35.9	0.89	25	2.63	11.3	265	117	33.2	0.86	25	2.57	11.0	257	113	Rating
36.3	0.97	24	2.59	11.2	249	111	35.3	0.93	22	2.57	11.1	246	110	32.6	0.89	25	2.51	10.8	239	107	is AHR
MBh	L/S	Delta T	МЖ	AMPS	H R	LO PR	ИВИ	L/S	Delta T	МЖ	AMPS	ж н	LO PR	MBh	1/S	Delta T	MЖ	AMPS	HI PR	NA OT	* NOTE: Shaded areas is AHRI Rating Conditions
			1350							1200	-						1050				NOTE: SP
										82											*

IDB: Entering Indoor Dry Bulb Temperature NOTE: Shaded areas is AHRI Rating Conditions

AMPS: Unit amps (comp.+ evaporator + condenser fan motors)

High and low pressures are measured at the liquid and suction access fittings.

5MM COILS

GPC1342H41AB

COOLING OPERATION

EXPANDED PERFORMANCE DATA

MODEL: GPC1342H41A*

MBh 40.2 41.6 45.6 - 39.2 40.7 44.6 - 38.3 39.7 ST 0.77 0.65 0.45 - 0.80 0.67 0.46 - 0.82 0.69 LOPK 12.3 12.5 12.9 - 13.4 13.7 - 14.0 AMPS 12.3 2.24 2.56 - 2.97 3.03 3.12 - 14.0 LOPK 110 117 128 - 13.4 13.7 - 14.0 14.3 LOPK 110 117 128 - 13.4 13.7 - 14.0 14.3 LOPK 110 117 128 - 13.4 13.7 - 14.0 14.3 AMPS 12.2 2.12 2.25 2.25 2.25 2.25 2.27 2.87 - 2.87 3.06 LOPK 110 117 128 - 17.4 13.4 13.7 - 14.0 14.3 AMPS 12.2 2.12 2.12 2.12 2.12 2.12 2.12 2.12 LOPK 110 117 128 - 13.4 13.4 13.7 - 14.0 14.2 AMPS 12.2 2.12 2.12 2.12 2.12 2.12 2.12 2.12 2.12 2.12 2.12 LOPK 110 12.7 2.81 2.80 - 2.95 2.00 3.00 3.00 3.00 LOPK 110 12.7 2.81 2.80 - 2.95 3.00 3.00 3.00 3.00 LOPK 110 12.7 2.81 2.80 - 13.3 3.14 3.15 3.16 LOPK 12.0 2.74 2.82 - 13.0 13.3 - 13.0 13.0 LOPK KW 2.62 2.74 2.82 - 2.84 3.05 3.00 3.00 3.00 LOPK 12.0 12.2 12.5 - 19 17 13 - 19 17 LAMPS 12.0 12.2 12.5 - 13.0 13.3 - 13.6 13.9 LOPK HI PR 2.16 2.33 2.46 - 2.42 2.61 2.75 - 2.76 2.97 LOPK 110 12.2 12.5 - 12.7 13.0 13.3 - 13.6 13.9 LOPK 110 12.2 12.5 - 12.7 13.0 13.3 - 13.6 13.9 LOPK 110 12.2 12.5 - 12.7 13.0 13.1 - 13.6 13.9 LOPK 110 12.1 12.1 13.0 13.1 - 13.6 13.9 LOPK 110 12.1 12.1 13.0 13.1 - 13.6 13.9 LOPK 110 12.1 12.1 13.0 13.1 - 13.6 13.9 LOPK 110 12.1 12.1 13.0 13.1 - 13.6 13.9 LOPK 110 12.1 13.1 13.0 - 13.0 - 13.6 13.9 LOPK 110 12.1 13.0 13.1 - 13.0 - 13.0 - 13.0 LOPK 12.1 12.1 13.0													°	Outdoor Ambient Temperature	Ambie	nt Temp	erature										
Milk 402 416 456 5 5 61 61 7 7 59 63 61 7 7 59 63 67 7 7 59 63 67 7 7 59 63 67 7 7 59 63 67 7 7 61 61 61 7 7 61 7 7 61 7 7 61 7 7 61 7 7 61 7 7 61 7 7 7 61 7 7 7 7 7 7 7 7 7					g	5			75		\vdash		85		F		95				105				11		
Milkin M												Ф	ntering	Indoor	Wet B	mel dir	perature	•									
MBh 402 416 456 - 3 99.2 40.7 446 - 3 89.3 99.7 435 - 3 74 38.7 424 - 3 55 86 4 0.3 - 9 59 8 4.1 37.3 37.4 38.7 424 - 9 10.8 0.74 0.6 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	IDB*	Airflow		29	63	29	71	29	63	29	71		ೞ		71	29	ಜ	29	71	29	છ	29	71	29	63	29	71
STT 0.77 0.65 0.45 0.46 0.46 0.46 0.48 0.48 0.48 0.48 0.49 0			MBh	40.2	41.6	45.6			40.7	44.6				43.5			38.7	42.4	-			40.3		6	34.1	37.3	
Mail			S/T	0.77	0.65	0.45		0.80		0.46	H			0.48	-		0.71	0.49	-			0.51			0.74	0.51	-
1580 KW 2.77 2.83 2.91 3.03 3.12 3.4 3.20 3.30 3.20 3.60 3.60 3.60 3.60 3.72 3.60 3.72 3.80 3.72 3.80 3.72 3.80 3.72 3.80 3.72 3.60 3.80 3.80 3.72 3.80 3.72 3.80 3.80 3.80 3.80 3.80 3.80 3.72 3.80 3.80 3.80 3.80 3.80 3.72 3.80 3.			Delta T	18	16	12		18	16	12	-		16	12	-	18	16	12	-	18	16	12	-	17	15	11	-
AMPS 12.5 12.6 12.6 12.6 12.6 16.7 16.6 16.7 16.6 17.7 18.6 18.7 18.6 18.7 18.6 18.7 18.6 18.7 18.6 18.7 18.7 18.7 18.7 18.7 18.7 18.7 18.7 18.7 18.7 18.7 18.7 18.7 18.7 18.7 18.7 18.7 <th< td=""><td></td><td>1580</td><td>ΚW</td><td>2.77</td><td>2.83</td><td>2.91</td><td></td><td>2.97</td><td></td><td>3.12</td><td></td><td></td><td></td><td>3.30</td><td>-</td><td></td><td>3.36</td><td>3.46</td><td></td><td></td><td></td><td>3.60</td><td></td><td></td><td>3.60</td><td>3.72</td><td>-</td></th<>		1580	ΚW	2.77	2.83	2.91		2.97		3.12				3.30	-		3.36	3.46				3.60			3.60	3.72	-
HIPR 225 242 256 - 2 22 2 27 2 287 - 2 29 309 326 - 3 52 372 - 3 56 396 418 - 4 06 437 462 HIPR 225 242 256 - 2 22 2 27 2 287 - 2 29 41 - 1 24 135 - 1 129 141 - 1 124 135 -			AMPS	12.3	12.5	12.9		13.1	13.4	13.7				14.7	· -		15.1	15.6	-			16.4	-	16.4	16.8	17.3	-
MBh 390 40.4 44.3 - 124 135 - 124 135 - 124 135 - 124 135 - 124 135 - 124 135 - 124 135 - 124 135 - 124 135 - 124 135 - 124 135 - 124 135 - 124 135 - 124 135 - 124 135 - 124 135 - 124 - 125 - 124 - 124 - 124 - 124 - 124 - 124 - 124 - 124 - 124 - 124 - 125 - 124 - 124 - 124 - 124 - 124 - 125 - 124 -			HI PR	225	242	256		252	272	287				326			352	372	-	368		418	-	406	437	462	-
WBh 39.0 40.4 44.3 - 38.1 36.5 42.2 - 36.3 37.6 41.2 - 34.5 35.7 38.1 36.3 37.6 41.2 - 34.6 36.7 38.1 37.9 31.9 33.1 36.3 STT 0.74 0.62 0.43 - 0.74 0.66 0.44 - 12 1 12 1 12 1 16 12 1 16 12 1 16 12 1 1 13 14 1 13 14 14 15 13 14 14 15 15 16 17 14 15 14 16 17 14 14 15 15 16 17 18 18 27 323 343 34 34 35 34 34 34 34 34 34 34 34 34 34 34 34 34 <t< td=""><td></td><td></td><td>LO PR</td><td>110</td><td>117</td><td>128</td><td></td><td>117</td><td>124</td><td>135</td><td>Н</td><td></td><td>129</td><td>141</td><td>H</td><td>127</td><td>135</td><td>148</td><td>-</td><td>133</td><td>142</td><td>155</td><td>-</td><td>138</td><td>147</td><td>160</td><td>-</td></t<>			LO PR	110	117	128		117	124	135	Н		129	141	H	127	135	148	-	133	142	155	-	138	147	160	-
STT 0.74 0.62 0.43 0.77 0.64 0.44 0.76 0.66 0.45 0.81 0.68 0.47 0.84 0.70 0.49 0.71 0.49 0.77 0.64 0.44 0.76 0.66 0.45 0.81 0.68 0.47 0.84 0.70 0.49 0.70 0.49 0.70 0.49 0.71 0.49 H10 KW 2.75 2.81 2.86 3.00 3.09 3.12 3.18 3.27 3.33 3.43 3.9 3.46 3.57 3.50 3.69 3.7 3.37 3.33 3.43 3.43 3.43 3.43 3.43 3.43 3.45 3.69 3.69 3.14 1.46 1.47 150 154 1.61 1.7 1.6 1.7 1.8 1.7 1.8 1.7 1.8 1.44 1.4 1.50 1.8 3.6 3.60 3.09 3.1 3.24 3.45 3.6 3.00 3.09 3	_		MBh	39.0	40.4	44.3				43.3				42.2			37.6	41.2				39.1			33.1	36.3	
Delta T 19 16 12 2.89 - 2.95 3.00 3.09 - 2.1 4.0 10 10 10 10 10 10 10 10 10 10 10 10 10			ΣγΣ	0.74	0.62	0.43			ı	0.44	H	ı	ı	0.45	H		0.68	0.47		ı	l	0.49		ı	0.71	0.49	
4410 KW 2.75 2.81 2.89 3.10 3.09 3.10 3			Delta T	19	16	12		19	16	12			16	12	-	19	17	13	-	19	16	12	-	18	15	12	-
AMPS 12.2 12.5 12.8 12.8 12.9 <th< td=""><td>2</td><td>1410</td><td>ΚW</td><td>2.75</td><td>2.81</td><td>2.89</td><td></td><td>2.95</td><td></td><td>3.09</td><td>Н</td><td></td><td></td><td>3.27</td><td></td><td></td><td>3.33</td><td>3.43</td><td>-</td><td></td><td></td><td>3.57</td><td></td><td></td><td>3.58</td><td>3.69</td><td>-</td></th<>	2	1410	ΚW	2.75	2.81	2.89		2.95		3.09	Н			3.27			3.33	3.43	-			3.57			3.58	3.69	-
HIPR 223 240 553 - 2 50 269 284 - 2 84 306 323 - 3 24 368 36 36 4 4 4 5 5 4 4 4 5 6 4 4 4 5 4 4 4 4 5 4 4 4 4			AMPS	12.2	12.5	12.8		13.0	13.3	13.6				14.6	· -		15.0	15.4	-			16.3	-		16.6	17.1	-
LOPR 160 116 127 115 123 134 126 134 146 146 15 140 153 145 159 145 159 146 150 140 140 <td></td> <td></td> <td>H PR</td> <td>223</td> <td>240</td> <td>253</td> <td></td> <td>250</td> <td>269</td> <td>284</td> <td>-</td> <td></td> <td></td> <td>323</td> <td></td> <td></td> <td>348</td> <td>368</td> <td>-</td> <td>364</td> <td></td> <td>414</td> <td>-</td> <td>402</td> <td>433</td> <td>457</td> <td>-</td>			H PR	223	240	253		250	269	284	-			323			348	368	-	364		414	-	402	433	457	-
MBh 360 37.3 40.9 36.2 36.4 39.9 40.9 36.0 3			LO PR	109	116	127	-	115	123	134	1		128	139	1	126	134	146		132	140	153	1	137	145	159	
ST 0.71 0.59 0.41 0.62 0.43 0.63 0.44 0.78 0.65 0.45 0.45 0.79 0.63 0.44 0.78 0.65 0.45 0.45 0.45 0.45 0.45 0.45 0.45 0.45 0.45 0.47 0.80 0.40 0.80 0.41 0.80 0.42 0.80 0.42 0.80 0			MBh	36.0	37.3	40.9		35.2	36.4	39.9	-			39.0	; -		34.7	38.0				36.1	Н		30.5	33.5	
Delta T 19 16 12 19 17 13 - 19 17 13 - 19 17 13 - 19 17 13 - 19 17 13 - 19 17 13 - 19 17 13 - 19 17 13 - 19 17 13 - 19 17 13 - 11 13 13 3.20 - 3.19 3.25 3.35 - 15.2 15.2 15.9 - 19 3.40 - 19 14.4 14.7 15.1 - 15.9 - 15.9 - 15.9 - 15.9 - 15.9 - 15.9 - 15.9 - 15.9 - 15.9 - 15.9 - 15.9 - 15.9 - 15.9 - 15.9 15.9 15.9 15.9 15.9 15.9 15.9 15.9 15			S/T	0.71		0.41				0.43				0.44) -		0.65	0.45	-			0.47	-		0.68	0.47	-
KW 2.69 274 2.82 2.94 3.02 3.04 3.11 3.20 3.19 3.25 3.35 3.31 3.38 3.49 3.42 3.49 3.			Delta T	19	16	12	1	19	17	13	-		17	13	-	19	17	13		19	17	13	-	18	15	12	-
12.0 12.2 12.5 - 12.7 13.0 13.6 13.9 14.3 - 14.4 14.7 15.1 - 15.2 15.5 15.9 - 16.9 <td></td> <td>1240</td> <td>KW</td> <td>2.69</td> <td>2.74</td> <td>2.82</td> <td>ı</td> <td>2.88</td> <td></td> <td>3.02</td> <td></td> <td></td> <td></td> <td>3.20</td> <td></td> <td></td> <td>3.25</td> <td>3.35</td> <td>-</td> <td></td> <td></td> <td>3.49</td> <td></td> <td></td> <td>3.49</td> <td>3.60</td> <td></td>		1240	KW	2.69	2.74	2.82	ı	2.88		3.02				3.20			3.25	3.35	-			3.49			3.49	3.60	
216 233 246 - 242 261 275 - 276 297 313 - 314 338 357 - 363 380 401 - 90 420 106 113 123 - 12 130 142 - 12 13 14 - 14 - 14 - 14 - 14 - 12 14 - 14 - 15 14 - 14 - 15 14 - 14 - 14 - 14 - 14 - 14 - 14 - 14 - 14 - 14 - 14 - 14 - 14 - 14 - 14 - 14 - 14 - 14 - - 14 - 14 - 14 - 14 - 14 - 14 - 14 - 14 - 14 - 14 - 14 - 14 - 14 - 14 - 14 - 14 - 14 - 14 - 14 - <td< td=""><td></td><td></td><td>AMPS</td><td></td><td></td><td>12.5</td><td>-</td><td>12.7</td><td>13.0</td><td>13.3</td><td></td><td></td><td></td><td>14.3</td><td></td><td></td><td>14.7</td><td>15.1</td><td>-</td><td>15.2</td><td>15.5</td><td>15.9</td><td>-</td><td>15.9</td><td>16.2</td><td>16.7</td><td>-</td></td<>			AMPS			12.5	-	12.7	13.0	13.3				14.3			14.7	15.1	-	15.2	15.5	15.9	-	15.9	16.2	16.7	-
106 113 123 - 112 119 130 - 116 124 135 - 122 130 142 - 128 136 149 - 132 141			H PR	216	233	246	•	242	261	275				313	-		338	357	-		380	401	-	330	420	444	-
			LO PR	106	113	123	•	112	119	130				135		122	130	142	-	128	136	149	-	132	141	154	-

											•	•		•		_		•	•		•
40.0	0.44	10	3.87	18.0	487	172	38.8	0.42	11	3.84	17.8	482	171	35.8	0.40	11	3.74	17.4	467	165	
37.3	0.68	15	3.75	17.4	467	162	36.2	0.65	15	3.72	17.3	462	160	33.4	0.63	16	3.63	16.8	448	155	
34.4	06.0	18	3.63	16.9	442	148	33.4	0.86	19	3.60	16.8	437	147	30.9	0.83	19	3.52	16.4	424	142	
33.4	1.00	19	3.56	16.6	411	139	32.5	96.0	20	3.53	16.4	407	138	0.08	0.93	21	3.45	16.0	394	134	
43.2	0.44	11	3.74	17.1	440	167	41.9	0.42	11	3.71	17.0	436	165	38.7	0.40	12	3.62	16.5	423	160	
40.2	0.68	16	3.63	16.5	422	156	39.1	0.65	16	3.60	16.4	418	155	36.1	0.62	17	3.51	16.0	406	150	
37.2	0.90	19	3.52	16.1	400	143	36.1	0.85	20	3.49	16.0	396	142	33.3	0.82	20	3.41	15.6	384	138	
36.1	1.00	21	3.45	15.8	372	135	35.1	96'0	22	3.42	15.6	368	133	32.4	0.92	22	3.34	15.3	228	129	
45.5	0.42	11	3.60	16.2	392	159	44.1	0.40	12	3.57	16.1	388	157	40.7	0.39	12	3.48	15.7	376	153	
42.4	0.65	16	3.49	15.7	375	149	41.1	0.62	17	3.46	15.6	372	148	38.0	09.0	17	3.38	15.2	360	143	
39.1	98.0	20	3.38	15.3	355	137	38.0	0.82	20	3.36	15.1	352	135	35.1	0.79	71	3.28	14.8	341	131	
38.0	0.97	21	3.32	15.0	330	128	36.9	0.92	22	3.29	14.8	327	127	34.1	0.89	22	3.22	14.5	317	123	itions
46.6	0.41	11	3.43	15.3	344	151	45.2	0.39	11	3.40	15.2	340	150	41.8	0.37	12	3.32	14.8	330	145	Shaded area is ACCA (TVA) conditions
43.4	0.63	16	3.32	14.8	330	142	42.2	09.0	17	3.30	14.7	326	141	38.9	0.58	17	3.22	14.4	317	136	CA (TV
40.1	0.84	20	3.23	14.4	312	130	38.9	0.80	20	3.20	14.3	309	129	35.9	0.77	20	3.13	14.0	300	125	a is AC
39.0	0.94	21	3.16	14.1	290	122	37.8	0.89	22	3.14	14.0	287	121	34.9	0.86	22	3.07	13.7	279	117	aded are
47.7	0.40	11	3.23	14.3	302	146	46.3	0.38	11	3.21	14.2	299	144	42.8	0.37	12	3.14	13.8	290	140	
44.5	0.62	16	3.14	13.8	290	137	43.2	0.59	17	3.12	13.7	287	135	39.9	0.57	17	3.04	13.4	278	131	NOTE
41.1	0.82	20	3.05	13.5	274	125	39.9	0.78	20	3.03	13.4	272	124	36.8	0.75	20	2.96	13.1	264	120	
39.9	0.91	21	2.99	13.2	255	118	38.7	0.87	22	2.97	13.1	252	117	35.8	0.84	22	2.90	12.8	245	113	
48.9	0.38	11	3.02	13.4	269	138	47.4	0.37	11	2.99	13.3	267	136	43.8	0.35	11	2.93	13.0	259	132	nre
45.5	0.60	16	2.93	13.0	258	129	40.8 44.2 47.4	0.57	16	2.91	12.9	256	128	40.8	0.55	17	2.84	12.6	248	124	mperat
42.1	0.79	19	2.85	12.6	245	119	40.8	0.75	20	2.83	12.6	242	117	37.7	0.72	20	2.76	12.3	235	114	Bulb Te
40.9	88'0	21	2.79	12.4	227	111	268	18.0	22	2.77	12.3	225	110	36.6	0.81	22	12.71	12.0	218	107	oor Dry
MBh	S/T	Delta T	ΚW	AMPS	표	LO PR	MBh	S/T	Delta T	ΚW	AMPS	H R	LO PR	MBh	S/T	Delta T	KW	AMPS	HI PR	LO PR	*IDB: Entering Indoor Dry Bulb Temperature
			1580		<u> </u>					1410	<u> </u>	<u> </u>					1240				*IDB: F
										75											

High and low pressures are measured at the liquid and suction access fittings. *IDB: Entering Indoor Dry Bulb Temperature

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GPC1342H41AB

COOLING OPERATION

EXPANDED PERFORMANCE DATA

												ō	Outdoor /	Ambien	Ambient Temperature	erature										
				65	2			75				85				95				105				115		
											Ē	Entering Indoor	Indoor	Wet Bu	lb Tem	Wet Bulb Temperature										
IDB*	Airflow		29	ස	29	71	29	63	<i>L</i> 9	74	29 (63	. 29	71	29	63	29	71	29	63		- 11	29 6	63 67	71	
		MBh	41.6	42.5	45.4	48.5	40.6	41.5	44.3	47.4 3	39.6 4	40.5 4	43.3 4	46.3	38.7 3	39.5	42.2	45.1	36.7	37.6 4	40.1 4	42.9	34.0 34	34.8 37.2	2 39.	7
		S/T	0.97	0.91	0.74	0.55	1.00	0.94	0.76	0.57	1.00 0	0.96.0	0.78 0	0.59	1.00	1.00	0.81	09.0	1.00	1.00 (0.84 0	0.63	1.00 1.0	1.00 0.85	5 0.63	က
		Delta T	23	22	19	16	24	23	20	16	23	23	20	16 ;	23	23	20	16	21	22	20	16	20 2	20 18	3 15	
	1580	KW	2.81	2.87	2.95	3.04	3.01	3.07	3.16	3.26 3	3.19 3	3.25 3	3.35 3	3.45	3.34 3	3.41	3.52	3.63	3.47	3.55	3.66 3	3.77	3.59 3.6	3.66 3.78	8 3.90	0
		AMPS	12.5	12.7	13.1	13.5	13.3	13.6	13.9	14.4	14.3 1	14.5 1	14.9	5.4	15.1 1	15.4	15.8	16.3	15.9	16.2	16.7 1	17.2	16.7 17	17.0 17.5	5 18.1	_
		HI PR	230	247	261	272	258	277	293	305 2	293 3	315	333 3	347 3	334	328	379	395	375	404 ,	427 4	445 4	415 4	446 47	1 492	2
		LOPR	113	120	131	139	119	126	138	147 1	124 1	131 1	144 1	153 1	130 1	138	151	161	136	145	158 1	168 1	141 15	150 163	3 174	4
		MBh	40.4	41.3	1.4	47.1	39.4	40.3	43.1	46.0 3	38.5 3	39.3 4	42.0 4	44.9 3	37.6 3	38.4	41.0	43.8	35.7	36.5	39.0 4	41.6	33.0 33	33.8 36.	1 38.6	9
		S/T	0.92	98.0	0.70	0.53	0.95	0.89	0.73	0.54 0	0.98	0.92 0	0.75 0	0.56	1.00	0.95	7.70	0.58	1.00	0.98	0.80	0.60	1.00 0.9	0.99 0.81	1 0.60	0
		Delta T	24	ಜ	20	16	25	24	8	16	25 ;	24	, 02	16	24	24	21	16	23	23	20	16	22 22	2 19	15	
8	1410	KW	2.79	2.85	2.93	3.02	2.99	3.05	3.14	3.23 3	3.16 3	3.23 3	3.32 3	3.43 3	3.32 3	3.38	3.49	3.60	3.45	3.52	3.63 3	3.74 3	3.56 3.6	3.63 3.75	5 3.87	7
		AMPS	12.4	12.6	13.0	13.4	13.2	13.5	13.8	14.3	14.1	14.4 1	14.8	15.3	15.0 1	15.3	15.7	16.2	15.8	16.1	16.5 1	17.1	16.6 16	16.9 17.4	4 18.0	0
		HI PR	227	245	258	269	255	274	290	302 2	290 3	312 3	330 3	344 3	330	356	375	392	372	400	422 4	440	411 4	442 467	7 487	_
		LOPR	111	119	129	138	118	125	137	146 1	122 1	130 1	142 1	151 1	129	137	149	159	135	143	156 1	167	139 14	148 162	2 172	2
		MBh	37.3	38.1	40.7	43.5	36.4	37.2	39.7	42.5	35.5 3	36.3 3	38.8 4	41.5 3	34.7 3	35.4	37.8	40.5	32.9	33.6	36.0 3	38.4 3	30.5 31	31.2 33.3	3 35.6	9
		S/T	0.89	0.83	0.68	0.51	0.92	98.0	0.70	0.52 0	0.94 0	0.88 0	0.72 0	0.54 0	0.97	0.91	0.74	95.0	1.01	0.95 (0.77 0	0.58	1.02 0.9	0.96 0.78	8 0.58	œ
		Delta T	22	23	20	16	25	24	21	17	25 ;	24	21 ,	17	25	24	21	17	25	24	21	16	23 2	22 19	15	
	1240	KW	2.73	2.78	2.86	2.95	2.92	2.98	3.07	3.16 3	3.09 3	3.15 3	3.25 3	3.35 3	3.24 3	3.31	3.41	3.51	3.37	3.44	3.54 3	3.65	3.48 3.9	3.55 3.66	6 3.77	7
		AMPS	12.1	12.4	12.7	13.1	12.9	13.2	13.5	13.9	13.8 1	14.1 1	14.5	14.9	14.6 1	14.9	15.3	15.8	15.4	15.7	16.2 1	16.7	16.2 16.	.5 17.0	0 17.5	2
		HI PR	220	237	251	261	247	266	281	293 2	281 3	303	320 3	333 3	320	345	364	380	360	388	410 4	427	398 42	429 453	3 472	CI
		LOPR	108	115	126	134	114	121	133	141 1	119 1	126 1	138 1	147 1	125	133	145	154	131	. 681	152 1	162	135 14	144 157	7 167	7

ST 1.00 0.98 0.71 1.00 1.00 0.99 0.74 1.00 0.91 0.74 1.00 1580 KW 2.83 2.89 2.97 3.06 3.03 3.09 3.19 3.28 3.21 AMPS 12.6 12.8 13.2 13.6 13.4 13.7 14.0 14.5 14.4 HI PR 232 250 263 275 260 280 296 308 296 LOPR 11.4 121 132 141 120 128 139 149 125 ST 0.96 0.93 0.84 0.68 1.00 0.96 0.87 0.71 1.00 ST 0.96 0.93 0.84 0.68 1.00 0.96 0.87 0.71 1.00 AMPS 1.25 1.27 13.1 13.5 13.3 13.6 14.4 14.3 HI PR 2.81 2.87 2.96 3.	41.1 43.1	45.9 39.4	40.1	42.0 44.8	37.4	38.1	39.9 4.	42.6	34.6 35.	.3 37.0	39.4
1580 KW 2.83 2.89 2.97 3.06 3.03 3.09 3.19 3.28 3.21 AMPS 12.6 12.8 13.2 13.6 13.4 13.7 14.0 14.5 14.4 14.9 LOPR 11.4 12.1 13.2 13.6 13.8 13.9 12.9 2.97 2.00 2.00 280 2.96 3.08 2.96 2.96 2.00 2.00 2.00 2.00 2.00 2.00 2.00 2.0	1.00 0.94	0.76 1.00	1.00	0.97 0.78	1.00	1.00	1.00 0.	0.81	1.00	1.00 1.00	0.82
KW 2.83 2.89 2.97 3.06 3.03 3.09 3.19 3.28 3.21 AMPS 12.6 12.8 13.2 13.4 13.4 13.7 14.0 14.5 14.4 HI PR 232 250 263 275 260 280 296 308 296 LOPR 114 121 132 141 120 128 139 149 125 NBh 41.1 41.9 43.9 46.8 40.1 40.9 42.8 45.7 39.2 ST 0.96 0.93 0.84 0.68 1.00 0.96 0.87 0.71 1.00 ST 2.9 2.4 2.1 2.6 2.6 2.6 2.4 2.1 2.6 2.6 2.6 2.7 30.2 3.1 3.0 3.16 3.1 3.0 3.1 3.0 3.1 3.0 3.1 3.0 3.1 3.0 3.0 3.0 3	24 23	20 23	23	24 20	22	22	23 2	20	20 21	1 22	19
AMIPS 12.6 12.8 13.2 13.6 13.4 13.7 14.0 14.5 14.9 14.9 14.9 14.9 14.9 14.9 13.2 13.6 13.4 13.7 14.0 14.5 14.9 14.9 14.1 12.0 260 280 296 308 296 296 308 296 296 308 296 296 308 296 296 308 296 296 308 296 308 296 308 296 308 296 308 296 308 296 308 296 308 296 308 296 308 296 308 296 308 296 308 296 308 296 308 296 308 30	3.28 3.38	3.48 3.37	3.44	3.54 3.65	3.50	3.57	3.68 3.	3.80	3.62 3.6	3.69 3.81	3.93
HIPR 232 250 263 275 260 280 296 308 296 296 208 CORP CORP CORP 114 121 132 141 120 128 139 149 125 250 250 250 250 250 250 250 250 250 2	14.7 15.1	15.5 15.2	15.5	15.9 16.4	16.0	16.3	16.8 17	17.4	16.8 17	17.2 17.7	7 18.3
MBh 111 121 132 141 120 128 139 149 125 MBh 41.1 41.9 43.9 46.8 40.1 40.9 42.8 45.7 39.2 ST 0.96 0.93 0.84 0.08 1.00 0.96 0.87 0.71 1.00 Delta T 26 25 24 21 26 26 24 21 26 AMPS 12.5 12.7 13.1 13.5 13.6 13.9 14.4 14.3 HI PR 230 247 261 272 258 277 293 305 293 LO PR 113 120 131 139 119 126 138 147 124 MBh 37.9 38.6 40.5 43.2 37.0 37.7 39.5 42.2 36.2 Delta T 26 26 24 21 26 26 27 39.5 42.2 36.2 Delta T 26 26 24 21 26 26 26 27 27 1240 KW 2.75 2.80 2.89 2.91 3.00 3.09 3.18 3.11 AMPS 12.2 12.5 12.8 13.2 13.0 13.3 13.6 14.0 13.9 HI PR 233 240 253 254 250 269 284 296 284 296 284 284 286 284 286 284 286 284 286 284 286 284	318 336	351 337	363	383 399	379	408	431 4	449 4	419 451	31 476	496
MBh 41.1 41.9 43.9 46.8 40.1 40.9 42.8 45.7 39.2 ST 0.96 0.93 0.84 0.68 1.00 0.96 0.87 0.71 1.00 Delta T 26 25 24 21 26 26 24 21 26 3.19 MPS 12.5 12.7 13.1 13.5 13.0 13.0 13.0 13.0 13.0 13.0 13.0 13.0	133 145	154 131	139	152 162	137	146	160 1	170 1	142 15	151 165	176
ST 0.96 0.93 0.84 0.68 1.00 0.96 0.87 0.71 1.00 Delta T 26 25 24 21 26 26 24 21 26 AMPS 12.5 12.7 13.1 13.5 13.6 13.9 14.4 14.3 HI PR 230 247 261 272 258 277 293 305 293 LO PR 113 120 131 139 119 126 138 147 124 MBh 37.9 38.6 40.5 43.2 37.0 37.7 39.5 42.2 36.2 Delta T 26 26 27 26 26 26 27 26 26	39.9 41.8	44.6 38.2	39.0	40.8 43.5	36.3	37.0	38.8 4	41.3	33.6 34	34.3 35.9	38.3
1410 KW 2.81 2.87 2.95 3.04 3.01 3.07 3.16 3.26 3.19 3.04 3.01 3.07 3.16 3.26 3.19 3.10 3.10 3.10 3.10 3.10 3.10 3.10 3.10 3.10 3.10 3.10 3.10 3.10 3.10 3.11 3	0.99 0.89	0.72 1.00	1.00	0.92 0.75	1.00	1.00	0.96 0.	0.78	1.00 1.0	96.0 00.	3 0.78
1410 KW 2.81 2.87 2.95 3.04 3.01 3.07 3.16 3.26 3.19 AMPS 12.5 12.7 13.1 13.5 13.3 13.6 13.9 14.4 14.3 HI PR 230 247 261 272 258 277 293 305 293 LO PR 113 120 131 139 119 126 138 147 124 MBh 37.9 38.6 40.5 43.2 37.0 37.7 39.5 42.2 36.2 S/T 0.38 0.90 0.81 0.66 0.96 0.93 0.84 0.68 0.99 Delta T 26 26 24 21 26 26 26 26 27 27 27 36.1 1240 KW 2.75 2.80 2.89 2.97 2.94 3.00 3.09 3.18 3.11 AMPS 12.2 12.5 12.8 13.2 13.0 13.3 13.6 14.0 13.9 HI PR 223 240 253 264 250 269 284 296 284 296 284	26 24	21 25	25	25 21	24	24	24 2	21 2	22 2	22 23	20
AMPS 12.5 12.7 13.1 13.5 13.3 13.6 13.9 14.4 14.3 14.4 14.3 HI PR 230 247 261 272 258 277 293 305 293 LO PR 113 120 131 139 119 126 138 147 124 MBh 37.9 38.6 40.5 43.2 37.0 37.7 38.5 42.2 36.2 ST 0.93 0.81 0.66 0.96 0.93 0.84 0.68 0.99 Delta T 2.6 24 21 26 26 26 27 21 27 KW 2.75 2.80 2.89 2.97 2.94 3.00 3.08 3.16 3.11 AMIPS 12.2 12.5 12.8 13.0 13.0 13.0 13.9 18.0 18.0 HI PR 223 240 253 269 284	3.25 3.35	3.45 3.34	3.41	3.52 3.63	3.47	3.55	3.66 3.	3.77 3.	3.59 3.6	3.66 3.78	3.90
HIPR 230 247 261 272 258 277 293 305 293 295 293 205 LOPR 113 120 131 139 119 126 138 147 124 124 125 NBh 37.9 38.6 40.5 43.2 37.0 37.7 39.5 42.2 36.2 29 STT 0.39 0.90 0.81 0.66 0.96 0.95 0.93 0.84 0.68 0.99 Delta T 26 26 26 26 26 26 27 21 87 87 87 87 87 87 87 87 87 87 87 87 87		15.4 15.1	15.4	15.8 16.3	15.9	16.2	16.7	17.2 1	16.7 17	17.0 17.5	18.1
LOPR 113 120 131 139 119 126 138 147 124 NBh 37.9 38.6 40.5 43.2 37.0 37.7 39.5 42.2 36.2 ST 0.39 0.80 0.81 0.66 0.96 0.93 0.84 0.68 0.99 Delta T 2.6 24 21 26 26 26 27 21 27 KW 2.75 2.80 2.89 2.97 2.94 3.00 3.09 3.18 3.11 AMIPS 12.2 12.5 12.8 13.2 13.0 13.6 14.0 13.9 HI IPR 223 240 253 264 250 289 284 296 284 296 284	315 333	347 334	326	379 395	375	404	427 4	445 4	415 4	446 471	492
NIBh 37.9 38.6 40.5 43.2 37.0 37.7 38.5 42.2 36.2 S/T 0.39 0.90 0.81 0.66 0.96 0.93 0.84 0.68 0.99 Delta T 2.6 26 26 26 26 26 27 21 27 KW 2.75 2.80 2.89 2.97 2.94 3.00 3.09 3.18 3.11 AMIPS 12.2 12.5 12.8 13.2 13.0 13.6 14.0 13.9 HI IPR 223 240 253 264 250 289 284 296 284	131 144	153 130	138	151 161	136	145	158 1	168 1	141 15	150 163	174
S/T 0.93 0.90 0.81 0.66 0.96 0.93 0.84 0.68 0.99 Delta T 26 26 24 21 26 26 25 21 27 KW 2.75 2.80 2.89 2.97 2.94 3.00 3.09 3.18 3.11 AMPS 12.2 12.5 12.8 13.2 13.0 13.6 14.0 13.9 HI PR 223 240 253 264 250 269 284 296 284	36.9 38.6	41.2 35.3	36.0	37.7 40.2	33.5	34.2	35.8 38	38.2 3	31.0 31	31.6 33.7	35.4
Delta T 26 26 26 27 29 26 26 26 25 21 27 KW 2.75 2.80 2.89 2.97 2.94 3.00 3.09 3.18 3.11 AMPS 12.2 12.5 12.8 13.2 13.0 13.3 13.6 14.0 13.9 HI PR 223 240 253 264 250 269 284 296 284	0.95 0.86	0.70 1.00	0.98	0.89 0.72	1.00	1.00	0.92 0.	0.75	1.00 1.0	1.00 0.93	3 0.75
KW 2.75 2.80 2.89 2.97 2.94 3.00 3.09 3.18 3.11 AMPS 12.2 12.5 12.8 13.2 13.0 13.3 13.6 14.0 13.9 HI PR 223 240 253 264 250 269 284 296 284	26 25	21 26	26	25 21	22	22	24 2	21 2	23 2	23 23	20
12.2 12.6 12.8 13.0 13.3 13.6 14.0 13.9 22.3 240 253 264 250 269 284 296 284	3.18 3.27	3.37 3.26	3.33	3.43 3.54	3.39	3.46	3.57 3.	3.68	3.50 3.9	3.58 3.69	3.80
223 240 253 264 250 269 284 296 284	14.2 14.6	15.1 14.7	15.0 1	15.4 15.9	15.5	15.8	16.3 16	16.8	16.3 16	16.6 17.1	17.7
	306 323	337 324	348	368 384	364	392	414 4	432 4	402 43	433 457	477
LOPR 109 116 127 135 115 123 134 143 120 128	128 139	148 126	134	146 156	132	140	153 1	183 1	136 12	145 159	169

⁰ MODEL: GPC1342H41A*

COOLING OPERATION

EXPANDED PERFORMANCE DATA

MODEL: GPC1349H41A*

			_							П	Ī									i -				
			71	Ľ	_	ľ	- (- 9	_	,	٠	, ,	'	- 9	- 8		-	_			- :	- (•	-
	115		29	41.4	0.51	11	4.29	19.5	480	162	40.2	0.49	11	4.25	19.3	475	160	37.1	0.47	11	4.15	18.9	461	156
			63	37.8	0.73	14	4.16	18.9	454	148	36.7	0.70	15	4.12	18.8	450	147	33.9	0.68	15	4.03	18.3	436	143
			29	36.5	0.88	16	4.07	18.5	422	139	35.4	0.84	17	4.04	18.4	418	138	32.7	0.81	17	3.95	18.0	406	134
			1.1						٠					-				٠					-	
	105		29	44.7	0.50	12	4.15	18.5	434	157	43.4	0.48	12	4.12	18.4	430	155	40.1	0.46	12	4.02	18.0	417	150
	1(63	40.8	0.73	15	4.03	18.0	411	143	39.6	0.69	16	4.00	17.9	407	142	36.6	0.67	16	3.90	17.5	362	138
			29	39.4	0.87	18	3.95	17.7	382	135	38.3	0.83	18	3.92	17.5	378	134	35.3	0.80	19	3.82	17.1	367	130
			11		-	-	1	-		-			-	-	-	-					-	-	-	-
			29	47.1	0.49	12	3.99	17.6	386	149	45.7	0.46	12	3.96	17.4	382	148	42.2	0.45	12	3.87	17.0	371	144
rature	92	Entering Indoor Wet Bulb Temperature	63	43.0	0.70	15	3.87	17.1	396	137	41.7	0.67	16	3.85	17.0	362	136	38.5	0.65	16	3.76	16.6	351	131
Outdoor Ambient Temperature		dua_c		41.5 4		. 48		16.8 1		129 1	40.3 4		. 61		16.6 1			37.2 3		. 61		16.2 1		124 1
nbient		Vet Bull	1 29	41	0.84	H	3.80		340	H		0.80	16	3.77	16	336	127	37	0.77	_	3.68		326	
door A		door V	71	ω '	- 2:		- 1	- 9	- 6	2 -	ا 6	-		- 8.		- 9	1		د	-	- 6	- 1	- 9	- 2
Out	82	ering Ir	. 67	1 48.3	8 0.47	12	0 3.81	2 16.6	1 339	0 142	8 46.9	5 0.45	12	7 3.78	0 16.5	8 336	9 141	5 43.3	3 0.43	12	9 3.69	7 16.1	8 326	5 137
		Ente	63	5 44.1	1 0.68	15	2 3.70	9 16.2	8 321	3 130	3 42.8	8 0.65	16	0 3.67	7 16.0	5 318	1 129	1 39.5	5 0.63	16	2 3.59	4 15.7	908	8 125
	_		29	42.5	0.81	18	3.62	15.9	298	123	41.3	0.78	18	3.60	15.7	295	121	38.1	0.75	19	3.52	15.4	286	118
			71	- 2	- 9		- 0	- 9	3	- 2	- 0	4 -	-	- 2	- 4	- 9		3	2 -		- 6	- 0	0	- 1
	22		29	1 49.5	3 0.46	12	9 3.60	1 15.5	298	137	3 48.0	3 0.44	12	7 3.57	15.4	295	136	4 44.3	1 0.42	12	3.49	7 15.0	286	131
			63	5 45.1	99.0	15	3 3.49	3 15.1	282	125	3 43.8	3 0.63	16	3.47	7 15.0	279	124	40.4	3 0.61	16	3 3.39	14.7	271	120
			29	43.5	0.79	18	3.43	14.8	262	118	42.3	92'0	18	3.40	14.7	260	117	39.0	0.73	19	3.33	14.4	252	113
			71		- 1		-	- 9	-	-	'	۰	•	- 1	- 1		-	•	<u>.</u>		- (-	- :	-
	92		29	50.6	0.44	11	3.36	14.5	266	130	49.2	0.42	12	3.34	14.4	263	128	45.4	0.41	12	3.26	14.1	255	124
			63	3 46.2	, 0.64	15	3.27	14.2	. 252	119	3 44.9	3 0.61	16	3.24	14.1	249	118	41.4	0.59	16	3.17	13.8	. 242	114
			29	44.6	0.77	17	3.20	13.9	234	112	43.3	0.73	18	3.18	13.8	231	110	40.0	0.70	18	3.11	13.5	224	107
				MBh	S/T	Delta T	ΚM	AMPS	HI PR	LO PR	MBh	Z/Z	Delta T	ΚW	AMPS	HI PR	LO PR	MBh	L/S	Delta T	KW	AMPS	HI PR	LO PR
			Airflow				1800			•				1600						I	1400			
			*BQI											20										

0.44	10	9	4.46	20.3	206	174	43.1	0.42	10	4.42	20.1	501	173	39.8	0.40	10	4.32	19.6	486	167	_
11.1	0.68 C	14	4.32 4	19.6 2	485	164 1	40.2 4	0.65 C	15	4.29 4	19.5	480	162 1	37.1 3	0.62 C	15	4.18 4	19.0 1	7 994	157 1	
38.2	0.89	17	4.19	19.1	459	150	37.1	0.85	18	4.16	18.9	454	148	34.2	0.82	19	4.06	18.5	441	144	
37.1	1.00	19	4.10	18.7	427	141	36.0	0.95	20	4.07	18.5	422	140	33.3	0.92	20	3.98	18.1	410	135	
47.9	0.43	11	4.31	19.3	458	169	46.5	0.41	11	4.28	19.1	453	167	42.9	0.40	11	4.18	18.7	439	162	
44.7	0.67	15	4.18	18.7	439	158	43.4	0.64	16	4.15	18.5	434	157	40.0	0.62	16	4.05	18.1	421	152	
41.3	0.89	19	4.06	18.2	415	145	40.1	0.85	19	4.03	18.0	411	144	37.0	0.82	20	3.93	17.6	366	139	
40.1	0.99	20	3.98	17.8	386	136	38.9	0.95	21	3.95	17.7	382	135	35.9	0.91	22	3.85	17.2	371	131	
50.4	0.42	11	4.15	18.3	407	161	49.0	0.40	11	4.12	18.1	403	159	45.2	0.38	11	4.02	17.7	391	154	
47.0	0.65	16	4.02	17.7	330	151	45.6	0.62	16	3.99	17.6	386	149	42.1	0.59	16	3.90	17.2	375	145	
43.4	0.85	19	3.91	17.2	369	138	42.2	0.82	20	3.88	17.1	366	137	38.9	0.79	20	3.79	16.7	322	133	
42.2	0.96	21	3.83	16.9	343	130	41.0	0.91	21	3.80	16.8	340	129	37.8	0.88	22	3.71	16.4	330	125	ditions
51.7	0.40	11	3.95	17.3	357	153	50.2	0.38	11	3.92	17.1	354	152	46.3	0.37	11	3.83	16.7	343	147	Shaded area is ACCA (TVA) conditions
48.2	0.63	15	3.84	16.7	342	144	46.8	09.0	16	3.81	16.6	336	142	43.2	0.58	16	3.72	16.2	329	138	CCA (T
44.5	0.83	19	3.73	16.3	324	132	43.2	0.79	20	3.70	16.2	321	130	39.9	0.76	20	3.61	15.8	311	126	reaisA
43.2	0.93	20	3.65	16.0	301	124	42.0	0.88	21	3.62	15.9	298	123	38.7	0.85	22	3.54	15.5	289	119	naded a
53.0	0.39	11	3.73	16.1	314	147	51.4	0.37	11	3.71	16.0	311	146	47.5	0.36	11	3.62	15.6	302	141	NOTE: SP
49.4	0.61	15	3.62	15.6	301	138	47.9	0.58	16	3.60	15.5	298	137	44.2	0.56	16	3.52	15.2	289	133	2
45.6	0.81	19	3.52	15.2	285	127	43.0 44.3	0.77	20	3.50	15.1	282	125	40.9	0.74	20	3.42	14.8	274	122	
44.3	0.90	20	3.45	14.9	265	119		0.86	21	3.43	14.8	262	118	39.7	0.83	22	3.35	14.5	254	114	
54.2	0.38	11	3.48	15.1	280	139	52.7	0.36	11	3.46	15.0	277	138	48.6	0.35	11	3.38	14.7	269	134	atrice
50.5	0.59	15	3.38	14.7	268	131	49.1	0.56	16	3.36	14.5	266	130	45.3	0.54	16	3.29	14.2	258	126	empera
46.7	0.78	19	3.29	14.3	254	120	45.3	0.74	19	3.27	14.2	252	119	41.8	0.72	20	3.20	13.9	244	115	y Bulb T
45.3	0.87	20	3.23	14.0	236	113	44.0	0.83	21	3.21	13.9	234	112	40.6	0.80	21	3.14	13.6	227	108	doar Dry
MBh	S/T	Delta T	ΚM	AMPS	HI PR	LO PR	MBh	S/T	Delta T	ΚM	AMPS	HI PR	LO PR	MBh	S/T	Delta T	ΚM	AMPS	HI PR	LO PR	*IDB: Entering Indoor Dry Bulb Temperature
			1800							1600							1400				* IDB:
							•			75				•							

High and low pressures are measured at the liquid and suction access fittings. *IDB: Entering Indoor Dry Bulb Temperature

5MM COILS

GPC1349H41AA

COOLING OPERATION

EXPANDED PERFORMANCE DATA

												Ō	Outdoor A	mbien	Ambient Temperature	rature										
				9				75				85				92				105				115		
											Ф	ntering	Entering Indoor Wet	Net Bu	Bulb Temp	Temperature										
IDB*	Airflow		29	63	29	71	29	63	29	71	29 (63	67 7	71	29 (ಜ	29	7.1	29	63	67 7	71 5	59 63	29 1	71	
		MBh	46.1	47.2	50.4	53.9	45.1	46.1	49.2	52.6 4	44.0 4	45.0 4	48.0 5	51.4 4.	42.9 4	43.9 4	46.9	50.1	40.8	41.7 4	44.5 47	47.6 37	.8 38.6	6 41.2	2 44.1	
		SYT	96.0	0.90	0.73	0.55	1.00	0.93	0.76 (0.56	1.00 0	0.95 0	0.78 0.	0.58	1.00	00'1	08.0	09.0	1.00	0 00'1	0.83 0.	0.62	1.00	.00 0.84	4 0.63	22
		Delta T	23	22	19	15	23	22	19	15	22	22	19 1	15	22	22	19	15	21	21	19 1	15 1	19 20	18	14	
	1800	ΚM	3.25	3.31	3.41	3.51	3.48	3.55	3.65	3.76 3	3.68 3.	75 3	87 3	86	3.86	3.94 4	4.06	4.18	4.01	4.09 4	4.22 4.	4.35 4.	4.14 4.2	.22 4.35	5 4.49	_
		AMPS	14.1	14.4	14.8	152	15.0	15.3	15.7	16.2	16.1	16.4 1	16.9 17	17.4 1	17.0 1	17.4 1	17.9	18.4	17.9	18.3 1	18.8 19	19.4 18.	3.8 19.	2 19.	8 20.4	1
		H	238	257	271	283	268	288	304 (317 3	304	328	346 3	361 3	347 3	373	394	411	390	420 4	443 4	462 4	431 464	4 490) 511	
		LO PR	114	121	132	141	120	128	140	149 1	125 1	133 1	145 1	155 1	131 1	. 140	153	162	138	146 1	160 1	170 1.	142 151	1 165	5 176	
		MBh	44.8	45.8	48.9	52.3	43.8	44.7	47.8	51.1 4	42.7 4	43.7 4	46.6 49	49.9 4	41.7 4	42.6	45.5	48.6	39.6	40.5 4	43.2 46	46.2 36	36.7 37.5	5 40.0	0 42.8	
		S/T	0.91	0.85	0.70	0.52	0.94	0.89	0.72 (0.54 0	0.97 0	0.91 0	0.74 0.	0.55	1.00 0	0.94 0	0.76	. 250	1.00 (0.97 0	0.79 0.	0.59	00.18	8 0.80	09:0 C	_
		Delta T	23	22	20	16	24	23	20	16	24	23	20 1	16	24	23	20	16	23	23	20 1	16 2	21 21	18	15	
8	1600	ΚW	3.23	3.29	3.38	3.48	3.45	3.52	3.62	3.73 3	3.65 3	3.73 3	3.84 3.	3.95	3.83 3	3.91	4.02	4.15	3.98	4.06 4	4.18 4.	4.31 4.	4.11 4.19	9 4.32	2 4.46	
		AMPS	14.0	14.3	14.7	15.1	14.9	15.2	15.6	16.1	16.0 1	16.3 1	16.7 17	17.3	16.9 1	17.2	17.7	18.3	17.8	18.2 1	18.7 19	19.3	18.7 19.	1 19.	6 20.3	
		HI PR	236	254	268	280	265	285	301	314 3	301	324	342 3	357 3	343 3	369	390	407	386	415 4	439 4	458 4;	427 459	9 485	5 506	
		LO PR	113	120	131	139	119	127	138	147 1	124 1	132 1	144 1	153 1	130 1	138	151	161	136	145 1	158 1	169 1	141 150	164	174	<u> </u>
		MBh	41.4	42.3	45.1	48.3	40.4	41.3	44.1 4	47.1 3	39.4 4	40.3 4	43.0 46	46.0 3	38.5 3	39.3 4	42.0	44.9	36.5	37.3 3	39.9 42	42.6 33.	3.9 34.6	3/	7.0 39.5	ا م ا
		S/T	0.88	0.82	0.67	0.50	0.91	0.85	0.70	0.52 0	0.93 0	0.88 0	0.71 0.	0.53 0.	0.96	06:0	0.74	0.55	1.00 (0.94 0	0.76 0.	0.57	1.01 0.5	.95 0.77	7 0.58	~
		Delta T	24	23	20	16	24	23	20	16	24	23	20 1	16	24 ;	23	20	16	24	23	20 1	16 2	22 21	19	15	
	1400	KW	3.16	3.22	3.31	3.41	3.38	3.44	3.54	3.65 3	3.57 3	3.64 3	3.75 3.	3.86	3.74 3	3.82 3	3.93	4.05	3.88	3.96 4	4.08 4.	4.21 4.	4.01 4.09	9 4.22	2 4.35	اءا
		AMPS	13.7	14.0	14.3	14.8	14.6	14.9	15.3	15.7	15.6 1	15.9 1	16.4 16	16.9 1	16.5 1	16.8 1	17.3	17.9	17.4	17.7 1	18.2 18	18.8	18.2 18.6	6 19.2	2 19.8	
		HI PR	229	246	260	271	257	277	292	305 2	292	315	332 3	346 3	333 3	358	378	395	375 ,	403 4	426 4.	444 4	414 445	5 470) 490	
		LO PR	109	116	127	135	116	123	134	143	120 1	128 1	139 14	149	126 1	134	146	156	132	141 1	154 1	163	137 145	5 159	9 169	_

~~:	81	18	4.53	20.6	516	178	42.5	77	19	49	20.4	-	176	39.2	0.75	19	4.38	20.0	495	11	1
0 43.8	0 0.81							0.77		5 4.49		0 511								0 171	
2 41.0	00.1	21	5 4.39	4 20.0	3 495	167	39.8	96.0 C	22	2 4.35	2 19.8	1 490	165	1 36.8	0.92	22	2 4.25	3 19.3	475	, 160	
39.2	1.00	20	4.26	19.4	468	153	38.0	1.00	22	4.22	19.2	464	151	1 35.1	1.00	23	4.12	18.8	450	147	
38.4	1.00	20	4.17	19.0	435	144	37.3	1.00	21	4.14	18.8	431	142	34.4	1.00	23	4.04	18.4	418	138	
47.3	0.81	19	4.38	19.6	467	172	45.9	0.77	20	4.35	19.4	462	170	42.4	0.74	21	4.24	19.0	448	165	
44.3	0.99	22	4.25	19.0	448	161	43.0	0.95	23	4.22	18.8	443	160	39.7	0.91	24	4.12	18.4	430	155	
42.3	1.00	22	4.12	18.5	424	148	41.1	1.00	24	4.09	18.3	420	146	37.9	1.00	22	3.99	17.9	407	142	
41.5	1.00	17	4.04	18.1	394	139	40.3	1.00	23	4.01	17.9	068	138	37.2	1.00	24	3.91	17.5	378	133	
49.7	0.78	20	421	18.6	415	164	48.3	0.74	21	4.18	18.4	411	162	44.6	0.71	21	4.08	18.0	366	158	
46.6	96.0	23	4.09	18.0	398	154	45.3	0.91	24	4.06	17.9	394	153	41.8	0.88	24	3.96	17.4	382	148	power
44.5	1.00	23	3.97	17.5	377	141	43.2	1.00	25	3.94	17.4	373	140	39.9	26.0	26	3.84	17.0	362	136	KW = Total system power
43.7	1.00	22	3.89	17.1	320	133	42.4	1.00	24	3.86	17.0	347	131	39.1	1.00	26	3.77	16.6	336	127	W = Tota
51.0	0.75	20	4.02	17.5	364	156	49.5	0.72	20	3.98	17.4	361	155	45.7	69.0	21	3.89	17.0	320	150	不
47.8	0.93	23	3.90	17.0	349	147	46.4	0.88	24	3.87	16.9	346	145	42.8	0.85	24	3.78	16.5	332	141	ature
45.6	1.00	23	3.78	16.5	331	134	44.3	0.98	25	3.75	16.4	328	133	40.9	0.94	25	3.67	16.0	318	129	emper
44.8	1.00	23	3.71	16.2	307	126	43.5	1.00	25	3.68	16.1	304	125	40.1	0.98	26	3.60	15.7	295	121	tering Indoor Dry Bulb Temperature
52.2	0.73	20	3.79	16.4	320	150	20.7	0.70	20	3.76	16.2	317	149	46.8	29.0	21	3.68	15.9	308	144	door Dr
49.0	0.90	23	3.68	15.9	307	141	47.5	0.86	24	3.65	15.7	304	140	43.9	0.83	24	3.57	15.4	295	136	ering In
46.7	1.00	24	3.57	15.4	291	129	45.4	96.0	25	3.55	15.3	288	128	41.9	0.92	25	3.47	15.0	279	124	IDB: Ent
45.9	1.00	23	3.50	15.1	270	121	44.5	0.99	25	3.48	15.0	268	120	41.1	0.95	26	3.40	14.7	260	117	ľ
53.5	0.71	19	3.54	15.3	285	142	51.9	0.67	20	3.51	152	283	141	47.9	0.65	20	3.43	14.9	274	137	SL
50.1	0.87	22	3.43	14.9	274	134	48.7	0.83	23	3.41	14.8	271	132	44.9	0.80	24	3.33	14.4	263	128	ondition
47.9	0.97	24	3.34	14.5	259	122	46.5	0.92	25	3.31	14.4	257	121	42.9	0.89	25	3.24	14.1	249	117	ating C
47.0	1.00 (24	3.28	14.2	241	115	45.6	0.96	25	3.25	14.1	238	114	42.1	0.92 (25	3.18	13.8	231	110	s AHRI R
MBh	S/T	Delta T	KW	AMPS	H R	LO PR	MBh	S/T	Delta T	KW	AMPS	H R	LO PR	MBh	S/T	Delta T	KW	AMPS	표	LO PR	* NOTE: Shaded areas is AHRI Rating Conditions
			1800			L				1600							1400				OTE: Sha
										82				_							ž *

* NOTE: Shaded areas is AHRI Rating Conditions IDB: Entering Indoor Dry Bulb Temperature KW = High and low pressures are measured at the liquid and suction access fittings.

AMPS: Unit amps (comp.+ evaporator + condenser fan motors)

5MM COILS

GPC1360H41BB

COOLING OPERATION

EXPANDED PERFORMANCE DATA MODEL: GPC1360H41B*

П			71		1	-	ı						-	-			1		-		-			
			29	52.4	0.47	12	5.72	25.2	510	159	6.09	0.45	12	5.67	25.0	505	157	46.9	0.44	12	5.53	24.4	490	153
	115		63	47.8	89.0	15	5.54	24.5	483	146	46.4	9.0	16	5.49	24.3	479	144	42.8	0.63	16	5.35	23.7	464	140
			29	46.1	0.82	18	5.41	24.0	449	137	44.8	0.78	19	5.37	23.8	445	135	41.3	0.75	19	5.23	23.1	431	131
			71	-	-	-	-	-		-		-	-	-	-	-	-	-	-		-	-	-	-
	2		29	56.5	0.47	13	5.53	23.9	462	154	54.9	0.45	13	5.48	23.7	457	152	50.7	0.43	13	5.34	23.1	444	148
	105		63	51.6	0.68	16	5.35	23.2	438	141	50.1	9.0	17	5.30	23.0	433	139	46.2	0.62	17	5.17	22.5	420	135
			29	49.8	0.81	19	5.23	22.7	407	132	48.3	7.70	20	5.19	22.5	403	131	44.6	0.75	20	5.06	22.0	390	127
			7.1	-	-	-	-	-		-		-	-	-	-	-		-	-		-	-	-	1
			29	59.5	0.45	13	5.30	22.6	411	147	57.8	0.43	13	5.26	22.4	407	145	53.3	0.42	13	5.12	21.9	394	141
rature	92	Entering Indoor Wet Bulb Temperature	ස	54.3	0.65	17	5.13	22.0	389	134	52.7	0.62	17	5.09	21.8	385	133	48.7	09:0	18	4.96	21.2	374	129
Outdoor Ambient Temperature		p Temp				, 61				126 1							125 1							
mbient		Vet Bull	71 59	. 52.4	- 0.78	- 18	- 5.02	- 21.5	. 361	. 12	- 50.9	0.75	. 20	. 4.98	. 21.3	. 358	. 12	. 47.0	. 0.72	. 20	. 4.86	. 20.8	. 347	- 121
tdoor A		ndoor V	67 7	61.0	0.44	13 -	5.03	21.3	. 361	140	59.2	0.42	13 -	4.99	. 1.	. 257	. 82	54.7	0.40	13	4.87	20.6	346	134
O	82	tering I	63 6	55.7 61	0.63 0.	17 1	4.88 5.	20.7 21	341 36	128 14	54.1 59	0.60	17 1	4.84 4.	20.5 21.1	338 34	127 1:	49.9 54	0.58 0.	18 1	4.72 4.	20.0 20	328 3	123 13
		Ent	29 6	53.7 55	0.76 0.	19 1	4.77 4.	20.2 20	317 3	120 1:	52.2 54	0.72 0.	20 1	4.73 4.	20.1 20	314 3	119 1;	48.1 49	0.70 0.	20 1	4.62 4.	19.6 20	305 33	115 1;
			71 5	· 5	- 0	- 1	- 4.	- 🛚	- 3	- 1	- 5	- 0	7 -	- 4.	- 🛚	- 3	- 1	- 4	- 0	-	- 4.	- 19	- 3	- 1
			. 29	62.5	0.43	13	4.73	19.8	317	134	2.09	0.41	13	4.69	19.6	314	133	56.0	0.39	13	4.58	19.1	304	129
	75		63	57.0 6	0.62 0	17	4.59 4	19.2 1	300	123 1	55.4 6	0.59 0	17	4.55 4	19.0 1	297 3	122 1	51.1 5	0.57 0	18	4.44 4	18.6 1	288 3	118 1
			29	55.0 5	0.74 C	19	4.49 4	18.8 1	279	116 ,	53.4 5	0.70	20	4.45 4	18.7 1	276	, 114	49.3 5	0.68	20	4.35 4	18.2 1	268 2	111 ,
			71	-	-	-	7 -		•	-	-) -	-	-		-	-	-) -		7 -		-	-
			29	64.0	0.41	12	4.39	18.4	283	127	62.1	0.39	13	4.36	18.3	280	126	57.3	0.38	13	4.25	17.9	271	122
	92		63	58.4	0.59	16	4.26	17.9	268	116	29.7	0.57	17	4.22	17.8	265	115	52.3	0.55	17	4.12	17.4	257	112
			29	56.3	0.71	19	4.17	17.6	249	109	54.7	89.0	20	4.14	17.4	246	108	50.5	9.0	20	4.04	17.0	239	105
				MBh	L/S	Delta T	KW	AMPS	H PR	LO PR	MBh	L/S	Delta T	KW	AMPS	HI PR	LO PR	MBh	L/S	Delta T	KW	AMPS	HI PR	LO PR
			M	_		Ď		Ą		ľ	۷ ا		Ŏ		A	I	L	۷		Ŏ		Ą	I	L
			Airflow				1948							1728							1518			
			IDB*											2										

											•	•		•			•	•	•	• •
56.1	0.40	11	2.97	26.4	538	171	54.5	0.39	11	5.92	26.1	533	169	50.3	0.37	11	5.76	25.5	517	164
52.3	0.63	16	2.77	25.5	516	161	50.8	0.60	16	5.72	25.2	511	159	46.8	0.58	16	5.58	24.6	495	154
48.3	0.83	19	5.58	24.7	488	147	46.9	0.79	20	5.54	24.5	484	146	43.3	92.0	20	5.40	23.9	469	141
46.9	0.93	21	5.46	24.2	454	138	45.5	0.89	21	5.45	24.0	449	137	42.0	0.85	22	5.28	23.3	436	133
9.09	0.40	11	5.76	25.0	487	165	58.8	0.38	12	5.71	24.8	482	164	54.3	0.37	12	5.57	24.1	468	159
56.4	0.62	17	2.57	24.1	467	155	54.8	09:0	17	5.53	23.9	462	154	9.09	0.57	18	5.39	23.3	448	149
52.1	0.82	20	5.39	23.4	442	142	9.09	0.79	21	5.35	23.2	438	141	46.7	0.76	21	5.21	22.6	424	137
50.6	0.92	77	2.28	22.9	411	134	49.2	88'0	23	5.23	22.7	407	132	45.4	0.85	23	5.10	22.2	394	128
63.8	0.39	12	5.52	23.6	433	158	61.9	0.37	12	5.48	23.4	428	156	57.1	0.36	12	5.34	22.8	416	151
59.4	09.0	17	5.34	22.8	415	148	27.7	0.57	18	5.30	22.6	411	147	53.2	0.55	18	5.17	22.1	398	142
54.9	0.79	21	5.17	22.1	393	136	53.3	0.76	21	5.13	22.0	389	134	49.2	0.73	22	5.00	21.4	377	130
53.3	0.89	22	2.06	21.7	365	128	51.8	0.85	23	5.02	21.5	361	126	47.8	0.82	24	4.90	21.0	351	122
65.3	0.37	12	5.24	22.2	380	150	63.4	0.36	12	5.20	22.0	376	149	58.6	0.34	12	2.07	21.5	365	144
6.09	0.58	17	5.08	21.5	364	141	59.1	0.56	17	5.03	21.3	361	140	54.6	0.54	18	4.91	20.8	320	135
56.3	0.77	20	4.92	20.9	345	129	54.6	0.73	21	4.88	20.7	342	128	50.4	0.71	22	4.76	20.2	331	124
54.6	0.86	22	4.81	20.4	321	121	53.0	0.82	23	4.77	20.2	317	120	49.0	0.79	23	4.66	19.7	308	117
6.99	0.37	12	4.93	20.6	334	144	65.0	0.35	12	4.89	20.4	331	143	0.09	0.34	12	4.77	19.9	321	139
62.4	0.57	17	4.77	19.9	320	136	9.09	0.54	17	4.73	19.8	317	134	55.9	0.52	18	4.62	19.3	308	130
57.6	0.75	20	4.62	19.4	303	124	55.9	0.72	21	4.59	19.2	300	123	51.6	69.0	22	4.47	18.7	291	119
26.0	0.84	22	4.53	19.0	282	117	54.3	0.80	23	4.49	18.8	279	116	50.2	22.0	23	4.38	18.4	122	112
68.5	0.32	11	4.57	192	298	137	99	0.34	12	4.53	19.0	295	135	61.4	0.32	12	4.42	18.6	286	131
63.9	0.55	17	4.43	18.6	285	128	62.0	0.52	17	4.39	18.4	283	127	57.2	0.50	17	4.29	18.0	274	123
59.0	0.72	20	4.29	18.1	270	118	57.3	0.69	21	4.26	17.9	268	116	52.9	0.67	21	4.16	17.5	260	113
57.3	0.81	22	4.20	17.7	251	111	25.6	0.77	23	4.17	17.6	249	109	51.3	0.74	23	4.07	17.1	241	106
MBh	S/T	Delta T	ΚM	AMPS	표	LO PR	MBh	S/T	Delta T	ΚM	AMPS	표	LO PR	MBh	S/T	Delta T	ΚM	AMPS	표	LO PR
			1948							1728							1518			
										75										

NOTE: Shaded area is ACCA (TVA) conditions *IDB: Entering Indoor Dry Bulb Temperature High and low pressures are measured at the liquid and suction access fittings.

5MM COILS

50.3 53.7 0.89 0.72

48.1 25 5.63

1.00

498 150

497 169 58.0

476 158

25 5.49 23.8 451 145

5.37 23.3 419 136

5.62 161

25 5.43 23.2 423 151

26.3 26 5.26 22.5 401

26 5.15 22.0

25 5.16

5.00 26

21 5.01 20.9

0.84 25 4.85 20.3

26 4.70

0.81 4.50 18.9

S/T Delta T

MBh

26 4.36 18.4

4.*27* 18.0 256

KW

1948

H R LO PR

4.60 19.3 288

5.33 22.6

388 153

372 144

327 124

341 147

327 138

309

304 139 4.64 19.5

291 131

463

5.86

0.92 24 5.67 24.6

25

24 5.82

25.7 52.1 162

24.9 493 149

46.5 0.86 24 5.67

44.4

25 5.49

4

GPC1360H41BB

COOLING OPERATION

EXPANDED PERFORMANCE DATA

													Outdoo	r Ambie	ent Tem	Outdoor Ambient Temperature										
				9	65			7	75			82	2			95	2			105	2			115		
												Enterin	gIndoc	r Wet E	3ulb Tei	Entering Indoor Wet Bulb Temperature	re									
IDB*	Airflow		29	63	29	71	29	63	29	71	29	63	29	71	29	ೞ	67	71	59	63	29	71	29	63	29	71
		MBh	58.3	59.6	63.7	68.1	57.0	58.2	62.2	66.5	55.6	56.8	2.09	64.9	54.3	55.4	59.2	63.3	51.5	52.7	56.3	60.1	47.7	48.8	52.1	55.7
		S/T	0.89	0.83	0.68	0.51	0.92	0.86	0.70	0.52	0.94	0.88	0.72	0.54	1.00	0.91	0.74	0.56	1.00	0.95	0.77	0.58	1.00	96.0	0.78	0.58
		Delta T	24	23	20	16	25	24	21	16	25	24	21	16	56	24	21	17	24	24	20	16	23	22	19	15
	1948	KW	4.24	4.33	4.46	4.61	4.56	4.66	4.81	4.97	4.85	4.96	5.12	5.29	5.11	5.22	5.39	5.57	5.32	5.44	5.62	5.81	5.51	5.63	5.82	6.02
		AMPS	17.8	18.2	18.7	19.4	19.1	19.5	20.1	20.8	20.6	21.0	21.7	22.4	21.8	22.3	23.0	23.8	23.1	23.6	24.4	25.2	24.4	24.9	25.7	26.6
		HI PR	254	273	288	301	285	306	324	337	324	348	368	384	369	397	419	437	415	446	471	492	458	493	521	543
		LO PR	112	119	130	138	118	126	137	146	123	130	142	152	129	137	150	159	135	144	157	167	140	149	162	173
		MBh	9.99	67.9	61.8	66.1	55.3	56.5	60.4	64.5	54.0	55.2	58.9	63.0	52.7	53.8	57.5	61.5	50.0	51.1	54.6	58.4	46.3	47.4	9.09	54.1
		S/T	0.85	0.79	0.65	0.48	0.88	0.82	0.67	0.50	0.90	0.84	69.0	0.51	0.93	0.87	0.71	0.53	96.0	0.30	0.74	0.55	0.97	0.91	0.74	0.55
		Delta T	56	24	21	17	56	25	22	17	56	22	22	17	56	22	22	17	56	22	21	17	24	23	20	16
80	1728	KW	4.20	4.29	4.43	4.57	4.53	4.62	4.77	4.93	4.81	4.92	2.08	5.24	90.9	5.17	5.35	5.52	5.28	5.39	2.57	5.76	5.46	5.58	5.77	5.97
		AMPS	17.7	18.1	18.6	192	19.0	19.4	19.9	20.6	20.4	20.9	21.5	22.2	21.7	22.1	22.8	23.6	22.9	23.4	24.1	25.0	24.2	24.7	25.5	26.4
		HI PR	251	270	285	298	282	303	320	334	321	345	364	380	365	393	415	433	411	442	467	487	454	488	516	538
		LO PR	111	118	128	137	117	124	136	144	121	129	141	150	128	136	148	158	134	142	155	165	138	147	161	171
		MBh	52.3	53.4	57.1	61.0	51.0	52.2	55.7	59.6	49.8	50.9	54.4	58.2	48.6	49.7	53.1	56.7	46.2	47.2	50.4	53.9	42.8	43.7	46.7	49.9
		S/T	0.82	0.77	0.62	0.47	0.85	0.79	0.65	0.48	0.87	0.81	99.0	0.50	0.90	0.84	0.68	0.51	0.93	0.87	0.71	0.53	0.94	0.88	0.72	0.53
		Delta T	56	22	22	17	26	25	22	17	56	22	22	17	56	22	22	18	26	22	22	17	24	23	20	16
	1518	KW	4.10	4.19	4.32	4.46	4.42	4.51	4.66	4.81	4.69	4.80	4.95	5.11	4.94	5.05	5.21	5.38	5.14	5.26	5.43	5.61	5.32	5.44	5.62	5.81
		AMPS	17.3	17.6	18.1	18.7	18.5	18.9	19.4	20.1	19.9	20.3	20.9	21.6	21.1	21.6	22.2	23.0	22.3	22.8	23.5	24.3	23.5	24.1	24.8	25.7
		HI PR	244	262	277	289	273	294	311	324	311	332	353	369	354	381	402	420	398	429	453	472	440	474	200	522
		LO PR	107	114	125	133	113	121	132	140	118	125	137	146	124	132	144	153	130	138	151	160	134	143	156	166

4 8	162	152	433 139	402	424	406 145 m power	358 385 406 125 133 145 KW = Total system power	358 125 KW = T	372	357 138 rature	338 127 Tempe	314 119 Ory Bulb	327 142 ndoor I		314 133 ntering	297 122 IDB: Ent	114	32 276 34 114	280 292 276 126 134 114 Conditions	280 292 276 126 134 114 Conditions	280 292 276 126 134 114 Conditions	246 265 280 292 276 114 as is AHRI Rating Conditions
5.3	5.66 24.6	5.48	5.30	5.19 22.5	5.43 23.2	5.25 22.4	5.09 21.8	4.98 21.3	5.16 21.8	4.99 21.1	4.83	4.73 20.1	4.85	4.69 19.6	4.55 19.0	4.45 18.6	4.49 18.9		4.14 4.22 17.4 17.8	4.14	KW	1518
26	22	26	27	28	23	26	28	28	22	26	27	28	22	26	27	28	22	26	27	28	Delta T	
0.9	0.69	0.85	0.94	0.97	99.0	0.82	0.91	0.94	0.64	0.79	0.88	0.91	0.63	0.77	0.86	0.89	0.60	0.75	0.83	0.86	S/T	
43.	53.5	50.2	47.9	47.0	56.3	52.8	50.4	49.5	57.7	54.1	51.7	20.7	59.2	55.4	52.9	51.9	9.09	26.8	53.2 54.2	53.2	MBh	
14(167	157	144	135	159	150	137	129	152	142	130	123	146	137	126	118	138	130	119	112	LO PR	
458	492	471	446	415	437	419	397	698	384	368	348	324	337	324	306	285	301	288	273	254	HI PR	
24.	25.2	24.4	23.6	23.1	23.8	23.0	22.3	21.8	22.4	21.7	21.0	20.6	20.8	20.1	19.5	19.1	19.4	18.7	18.2	17.8	AMPS	
2.5	5.81	5.62	5.44	5.32	222	5.39	5.22	5.11	5.29	5.12	4.96	4.85	4.97	4.81	4.66	4.56	4.61	4.46	4.24 4.33	4.24	ΚM	1728
25	22	22	27	27	22	26	22	28	22	26	27	28	22	26	27	28	22	22	27	27	Delta T	
1.0	0.71	0.88	0.98	1.00	0.69	0.85	0.94	0.97	0.67	0.82	0.91	0.94	0.65	0.80	0.89	0.92	0.63	0.77	0.89 0.86	0.89	S/T	
47	58.0	54.4	51.9	6.03	61.0	57.2	54.6	53.6	62.6	58.6	26.0	54.9	64.1	60.1	57.4	26.3	9.59	61.5	28.7	9'2'9	MBh	
J																						

High and low pressures are measured at the liquid and suction access fittings.

AMPS: Unit amps (comp.+ evaporator + condenser fan motors)

MODEL: GPC1360H41B*

PERFORMANCE TEST

All data based upon listed indoor dry bulb temperature. .00 inches external static pressure on coil of outdoor section. Indoor air cubic feet per minute (CFM) as listed in the Performance Data Sheets:

If conditions vary from this, results will change as follows:

- 1. As indoor dry bulb temperatures increase, a slight increase will occur in indoor air temperature drop (Delta T). Low and high side pressures and power will not change.
- 2. As indoor CFM decreases, a slight increase will occur in indoor temperature drop (Delta T). A slight decrease will occur in low and high side pressures and power.

A properly operating unit should be within plus or minus 3 degrees of the typical (Delta T) value shown.

A properly operating unit should be within plus or minus **7 PSIG** of the **HI PR** shown.

A properly operating unit should be within plus or minus 3 PSIG of the LO PR shown.

A properly operating unit should be within plus or minus **3 Amps** of the typical value shown.



